



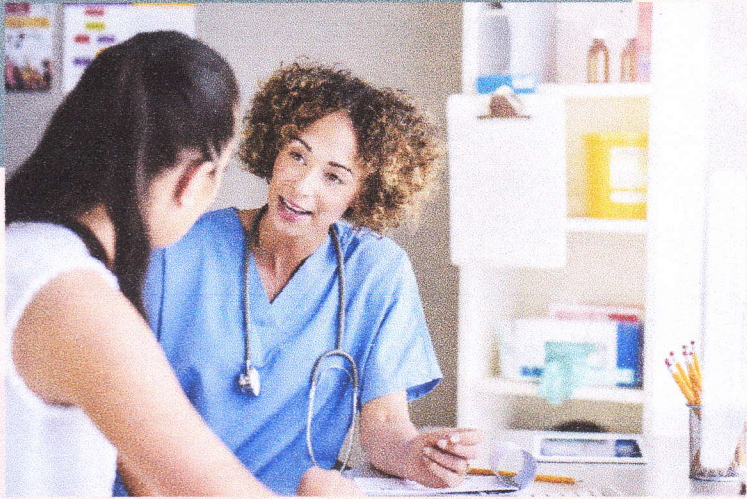
**NIRMALA COLLEGE OF PHARMACY, MUVATTUPUZHA**

**DEPARTMENT OF PHARMACY PRACTICE**

offering an ADD-ON COURSE ON

**CONCEPT AND APPLICATIONS - PHARMACOECONOMICS**

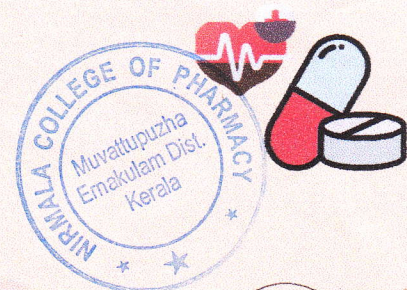
**ADVANCE LEVEL**



## **OVERVIEW OF THE COURSE**

Pharmacoeconomic evaluation methods are used to evaluate and compare the cost and consequences of treatment alternatives for identifying the best treatment option. Pharmacoeconomic evaluation data is essential in healthcare settings where minimal resources are available. This helps the healthcare providers to ensure quality patient care with least possible cost.

The certificate programme on Pharmacoeconomics will enlighten the learners with the role of Pharmacoeconomics in healthcare settings. This will provide detailed information regarding the concepts involved in PE studies along with the methods of PE evaluation. Each method will be explained in detail along with case studies for better understanding. Advanced PE methods including decision tree and Markov modelling will be covered in this certificate programme. TreeAge software will be explained and training on critical evaluation of PE studies using CHEERS checklist will be detailed.



## EXPECTED COURSE OUTCOME

After completing this course, students will be able to

- Understand the types of PE evaluation.
- Explain the basic concepts in PE literature and understand the elements of PE in advanced studies.
- Analyze the cost and consequences involved in PE evaluation studies.
- Critically evaluate a PE literature.
- Apply the steps involved in each method, will conducting a study.
- Create modes and decision trees applied in advanced PE studies.



## CAREER PROSPECTS OF THE COURSE

Pharmacoeconomics helps to apply the concepts of economics into health related topics. In addition to the other career opportunities of pharmacists, they can involve in

- Pharmaceutical companies (R and D): Participation in clinical research/trials related to pharmacoeconomics.
- Hospital Pharmacy: Apply PE principles while purchasing drugs.
- Clinical Pharmacy: Develop protocols and guidelines along with clinical practitioners.
- Insurance companies: Analyze patient data to confirm, the reimbursement strategies.
- Academics



## MISSION ELIGIBILITY

Candidates studying in a B Pharm/ Pharm D/ M Pharm course at Nirmala College of Pharmacy, Ernakulam.

## ASSESSMENT MODE:

Theory Exam - Multiple choice question (1 hr)

## PASSING CRITERIA:

Candidates must have at least 80% attendance in both theory and practical sessions and must score at least 50% marks in the examinations.

## COURSE COORDINATOR:

Ms. Antriya Annie Tom

Department Of Pharmacy Practice, Nirmala college Of Pharmacy



*G. Badinarajan*

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## AWARD OF CERTIFICATE

Course completion certificate will be issued  
those who pass the course successfully