



NIRMALA COLLEGE OF PHARMACY , MUVATTUPUZHA

DEPARTMENT OF PHARMACOLOGY



**offering an ADD-ON
COURSE ON**

PRINCIPLES OF PRECLINICAL STUDIES



Aim

The purpose of this course is to convey fundamental understanding of preclinical investigations in experimental animals, including study design, execution, and outcome interpretations.

Objective

Upon completion of the course the student shall be able to:

- Understand the definitions and goals of preclinical research and science
- Identify a range of scientific and operational principles that can be applied to enhance preclinical research projects.
- Learn about the varied roles of different disciplines, as well as agencies including industry, government agencies, and academic faculty and institutions in advancing research, and how to facilitate effective inter-agency and team-based collaboration.

Course outcome

- The students would appreciate the knowledge gained in procedure for preclinical evaluation of drugs using various experimental animals.
- They would have understood the maintenance of laboratory animals as per the guidelines , and good laboratory practices in maintenance and handling of experimental animals in preclinical studies.



Eligibility:

Candidates studying in B Pharm / Pharm
D/M Pharm course at Nirmala College of
Pharmacy, Muvattupuzha, Ernakulam are
eligible to apply.

Assessment mode:

Theory Exam (Multiple choice
questions)

Passing criteria:

Candidates must have 80%
attendance for both theory and
practical training and must score at least
50% marks in the examination to pass the
course.

Course Co-ordinator:

Ms. Nancy Jose,
Department Of Pharmacology,
Nirmala College Of Pharmacy,
Muvattupuzha



AWARD OF CERTIFICATE

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



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