
Course Outcomes (COs)

Program: B Pharm

Batch: 7th semester



Nirmala College of Pharmacy, Muvattupuzha

Muvattupuzha P.O Ernakulam District Kerala, India, Pin:686661

Email : info@nirmalacp.org, Phone : 04852836888

Course Outcome

Institute	Nirmala College of Pharmacy, Muvattupuzha		
Course	B Pharm		
Batch	2018-2022		
Semester	7		
Subject	Instrumental Methods of Analysis – Theory		

Sl.No	CO Code	Course Outcome	Description	Bloom Level	Created_by
1	BP701T.1	Critically evaluate various analytical techniques in the context of qualitative and quantitative analysis of drugs	Critically evaluate various analytical techniques in the context of qualitative and quantitative analysis of drugs	Analyze	Eiseena Jose
2	BP701T.2	Demonstrate an understanding of theory and application of most common methods of pharmaceutical analysis in research, academic and industry.	Demonstrate an understanding of theory and application of most common methods of pharmaceutical analysis in research, academic and industry.	Apply	Eiseena Jose
3	BP701T.3	Apply the principles of chromatography in qualitative and quantitative analysis of pharmaceuticals in research and industrial perspective	Apply the principles of chromatography in qualitative and quantitative analysis of pharmaceuticals in research and industrial perspective	Apply	Eiseena Jose
4	BP701T.4	Utilize the knowledge of spectroscopy in the elucidation of molecular structure and the interpretation of the result.	Utilize the knowledge of spectroscopy in the elucidation of molecular structure and the interpretation of the result.	Apply	Eiseena Jose
5	BP701T.5	Demonstrate the scope of various analytical technique for the reliable analytical testing and documentation	Demonstrate the scope of various analytical technique for the reliable analytical testing and documentation	Apply	Eiseena Jose

Generated at : 06/06/2023 12:12:17



Nirmala College of Pharmacy, Muvattupuzha

Muvattupuzha P.O Ernakulam District Kerala, India, Pin:686661

Email : info@nirmalacp.org, Phone : 04852836888

Course Outcome

Institute	Nirmala College of Pharmacy, Muvattupuzha
Course	B Pharm
Batch	2018-2022
Semester	7
Subject	Pharmacy Practice – Theory

Sl.No	CO Code	Course Outcome	Description	Bloom Level	Created_by
1	BP 703T	Describe organization and functions of hospital pharmacy and active participation in inventory control and drug distribution in hospitals	nil	Understand	Anriya Annie Tom
2	BP 703T	Perform professional activities of clinical pharmacist in health care	nil	Create	Anriya Annie Tom
3	BP 703T	Communicate effectively in patient counseling in hospital and community pharmacy	nil	Create	Anriya Annie Tom
4	BP 703T	Describe therapy for various diseases, patient counselling aspects, and ADR management of the drugs used for the same	nil	Understand	Anriya Annie Tom
5	BP 703T	Describe organization and functions of community pharmacy and active participation in inventory control and drug distribution	nil	Understand	Anriya Annie Tom

Generated at : 06/06/2023 12:19:52



Nirmala College of Pharmacy, Muvattupuzha

Muvattupuzha P.O Ernakulam District Kerala, India, Pin:686661
 Email : info@nirmalacp.org, Phone : 04852836888

Course Outcome

Institute	Nirmala College of Pharmacy, Muvattupuzha		
Course	B Pharm		
Batch	2018-2022		
Semester	7		
Subject	Novel Drug Delivery System – Theory		

Sl.No	CO Code	Course Outcome	Description	Bloom Level	Created_by
1	CO1	Up on completion of the course the student will be able to Define the concept and principles of Novel drug delivery system		Understand	Vidya Peter
2	CO2	To Describe the various types and approaches for development of novel drug delivery systems.		Understand	Vidya Peter
3	CO3	Explain the criteria for selection of drugs and polymers for the development of Novel drug delivery systems, their formulation and evaluation		Apply	Vidya Peter
4	CO4	The student will be able to differentiate a Novel drug delivery system from a conventional drug delivery system.		Apply	Vidya Peter
5	CO5	The course can create critical thinking and the student may be able to come up with new ideas on development of new NDDS to overcome the drawbacks of current medication		Create	Vidya Peter

Generated at : 06/06/2023 12:21:38



Nirmala College of Pharmacy, Muvattupuzha

Muvattupuzha P.O Ernakulam District Kerala, India, Pin:686661

Email : info@nirmalacp.org, Phone : 04852836888

Course Outcome

Institute	Nirmala College of Pharmacy, Muvattupuzha
Course	B Pharm
Batch	2018-2022
Semester	7
Subject	Industrial Pharmacy – Theory

Sl.No	CO Code	Course Outcome	Description	Bloom Level	Created_by
1	CO1	Student will be able to impart basic knowledge about the process of pilot plant and scale up of pharmaceutical dosage forms		Understand	Vidya Peter
2	CO2	Student should be able to understand the process of technology transfer from lab scale to commercial batch		Understand	Vidya Peter
3	CO3	To understand the different laws and acts that regulate pharmaceutical industry in India and US		Understand	Vidya Peter
4	CO4	Student will be able to understand the approval process and regulatory requirements for drug products		Understand	Vidya Peter
5	CO5	To provide insights about the hazards happens in pharmaceutical industries and their reasons. Also the students will study how to manage and report such situations		Understand	Vidya Peter

Generated at : 13/06/2023 14:53:29



Nirmala College of Pharmacy, Muvattupuzha

Muvattupuzha P.O Ernakulam District Kerala, India, Pin:686661

Email : info@nirmalacp.org, Phone : 04852836888

Course Outcome

Institute	Nirmala College of Pharmacy, Muvattupuzha
Course	B Pharm
Batch	2018-2022
Semester	7
Subject	Instrumental Methods of Analysis – Practical

Sl.No	CO Code	Course Outcome	Description	Bloom Level	Created_by
1	BP705.1	Illustrate the practical applications of instruments used in pharmaceutical research activities.	Illustrate the practical applications	Apply	Elseena Jose
2	BP705.2	Design the analytical methods and evaluate the drug substance and formulation as per pharmacopoeia guidelines.	Design the analytical methods and evaluate the drug substance and formulation as per pharmacopoeia guidelines.	Analyze	Elseena Jose
3	BP705.3	Utilize the theoretical skill in interpreting the qualitative and quantitative data in an effective way.	Utilize the theoretical skill in interpreting the qualitative and quantitative data in an effective way.	Apply	Elseena Jose
4	BP705.4	Apply the knowledge and subject specific skill to progress in academic as well as industrial research field	Apply the knowledge and subject specific skill	Apply	Elseena Jose
5	BP705.5	Utilize various analytical method for accessing the purity of formulations	Utilize various analytical method for accessing the purity of formulations	Apply	Elseena Jose

Generated at : 28/06/2023 15:01:58