
Program Outcomes (POs)
for all
Programmes offered by the institution



Nirmala College of Pharmacy, Muvattupuzha

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

Email : info@nirmalacp.org, Phone : 04852836888

Program Outcome

Institute	Nirmala College of Pharmacy, Muvattupuzha
Course	B Pharm

Sl.No	PO Code	Program Outcome
1	PO1: Pharmacy Knowledge	Pharmacy Knowledge: Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioural, social, and administrative pharmacy sciences; and ma
2	PO2: Planning Abilities	Planning Abilities: Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.
3	PO3: Problem Analysis	Problem analysis: Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make d
4	PO4: Modern tool usage	Modern tool usage: Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.
5	PO5: Leadership Skills	Leadership skills: Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfilment of practice, professional and societal responsibilities. Assume participatory roles as
6	PO6: Professional Identity	Professional Identity: Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).
7	PO7: Pharmaceutical ethics	Pharmaceutical Ethics: Honour personal values and apply ethical principles in professional and social contexts. Demonstrate behaviour that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply
8	PO8: Communication	Communication: Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.
9	PO9: The Pharmacist and society	The Pharmacist and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.
10	PO10: Environment and sustainability	Environment and sustainability: Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
11	PO11: Life Long learning	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self assess and use feedback effectively from others to identify learning nee

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Program Outcome

Institute	Nirmala College of Pharmacy, Muvattupuzha
Course	Pharm D

Sl.No	PO Code	Program Outcome
1	PO1: Pharmacy Knowledge:	Pharmacy Knowledge: Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioural, social, and administrative pharmacy sciences; and ma
2	PO2: Planning Abilities	Planning Abilities: Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.
3	PO3: Problem analysis	Problem analysis: Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make d
4	PO4: Modern tool usage	Modern tool usage: Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.
5	PO5: Leadership skills	Leadership skills: Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfilment of practice, professional and societal responsibilities. Assume participatory roles as
6	PO6: Professional Identity	Professional Identity: Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).
7	PO7: Pharmaceutical Ethics	Pharmaceutical Ethics: Honour personal values and apply ethical principles in professional and social contexts. Demonstrate behaviour that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply
8	PO8: Communication	Communication: Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.
9	PO9: The Pharmacist and society	The Pharmacist and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.
10	PO10: Environment and sustainability	Environment and sustainability: Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development
11	PO11: Life-long learning	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self assess and use feedback effectively from others to identify learning nee
12	PSO.01	Possess extensive knowledge in various domains of pharmacy practice through continuous learning and collaboration with other healthcare team members, which enable them to meet the challenges of society.
13	PSO.02	Ability to interpret and optimize the drug therapy of patients by formulating individualized treatment plan to ensure patient safety.
14	PSO.03	Have excellent professional skills in academic and research activities that enable them to provide better pharmaceutical care through outreach programmes.
15	PSO.04	Proficient to excel in Industry oriented activities such as clinical research, regulatory affairs, pharmacovigilance and so on.



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Program Outcome

Institute	Nirmala College of Pharmacy, Muvattupuzha
Course	M Pharm Pharmaceutics

Sl.No	PO Code	Program Outcome
1	PO1:Pharmacy Knowledge:	Pharmacy Knowledge: Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioural, social, and administrative pharmacy sciences; and ma
2	PO2:Modern tool usage	Modern tool usage: Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.
3	PO3:Leadership skills	Leadership skills: Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfilment of practice, professional and societal responsibilities. Assume participatory roles as
4	PO4:Communication	Communication: Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.
5	PO5.The Pharmacist and society	The Pharmacist and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.
6	PSO.01. Possess extensive knowledge	Possess extensive knowledge in various domains of Pharmaceutics which enable them to meet professional challenges with credibility, integrity, ethical standards and social responsibility
7	PSO.02. Adhere the highest standards of professionalism	Adhere the highest standards of professionalism to achieve excellence in academic, industrial and research activities through interdisciplinary and collaborative programs
8	PSO.03. Be an expertise in formulation and production	Develop an expertise in formulation and production of conventional and novel drug delivery systems, cosmetic science, QC and QA, packaging material science, drug regulatory affairs etc.

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Program Outcome

Institute	Nirmala College of Pharmacy, Muvattupuzha
Course	M Pharm Pharmacology

Sl.No	PO Code	Program Outcome
1	PO1.Pharmacy Knowledge	Pharmacy Knowledge: Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioural, social, and administrative pharmacy sciences; and ma
2	PO2.Modern tool usage	Modern tool usage: Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.
3	PO3.Leadership skills	Leadership skills: Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfilment of practice, professional and societal responsibilities. Assume participatory roles as
4	PO4:Communication	Communication: Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.
5	PO5:The Pharmacist and society	The Pharmacist and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.
6	PSO.01 Knowledge in drug development	To gain knowledge and technical skill to perform In-vitro and In-vivo studies, and professional training to the students to work on drug compounds and develop new medications based on research.
7	PSO.02 Application to pharmacotherapeutics	Understand, apply, cellular and molecular pharmacology, pathophysiology to the pharmacotherapy of certain diseases and mechanism of drug actions.
8	PSO.03 Knowledge on CPCSEA guidelines	Understand, appreciate and apply concepts about various aspects of regulations and ethical requirement for the usage of experimental animals, CPCSEA guidelines for laboratory animal facilities, and toxicity studies and to create a talent pool by involving
9	PSO.04 Application to pharmacovigilance and drug discovery	Understand, appreciate and apply concepts of principles of drug discovery, clinical research and pharmacovigilance, research methodology & biostatistics systematically in research.

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Program Outcome

Institute	Nirmala College of Pharmacy, Muvattupuzha
Course	M Pharm Pharmacy Practice

Sl.No	PO Code	Program Outcome
1	PSO.01	Possess extensive knowledge in various domains of pharmacy practice through continuous learning and collaboration with other healthcare team members, which enable them to meet the challenges of society.
2	PSO.02	Ability to interpret and optimize the drug therapy of patients by formulating individualized treatment plan to ensure patient safety.
3	PSO.03	Have excellent professional skills in academic and research activities that enable them to provide better pharmaceutical care through outreach programmes.
4	PSO.04	Proficient to excel in Industry oriented activities such as clinical research, regulatory affairs, pharmacovigilance and so on.

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