



FACULTY OF PHARMACEUTICAL SCIENCES

PROGRAMME STRUCTURE (As Per Pharmacy Council of India)

BACHELOR OF PHARMACY

UNIVERSITY

Aegis: Charutar Vidya Mandal (Estd.1945)

Effective from Academic Year: 2026-27



Faculty Name:

Faculty of Pharmaceutical Sciences

Programme Name:

Bachelor of Pharmacy

Programme Structure Summary

SEMESTER 1												
Course Group	Course Code	Course Name	Cr	Teaching Scheme				INT(T) Max./ Passing	EXT(T) Max./ Passing	INT(P) Max./ Passing	EXT(P) Max./ Passing	Grand Total Max./ Passing
				T	P	Tu	Cont. Hrs					
CORE	BP101T	BASICS OF PYTHON PROGRAMMING FOR PHARMACEUTICAL SCIENCES (THEORY)	2	2	–	–	2	20/08	30/12	–	–	50/25
CORE	BP102T	GENERAL PHARMACY (THEORY)	3	3	–	–	3	30/12	45/18	–	–	75/38
CORE	BP103T	HEALTHCARE PSYCHOLOGY AND COMMUNICATION SKILLS (THEORY)	1	1	–	–	1	20/08	30/12	–	–	50/25
CORE	BP104T	HUMAN ANATOMY, PHYSIOLOGY AND PATHOPHYSIOLOGY I (THEORY)	4	4	–	–	4	40/16	60/24	–	–	100/50
CORE	BP105T	INTRODUCTION TO PHARMACOGNOSY (THEORY)	3	3	–	–	3	30/12	45/18	–	–	75/38
CORE	BP106T	PHARMACEUTICAL INORGANIC AND ANALYTICAL CHEMISTRY (THEORY)	3	3	–	–	3	30/12	45/18	–	–	75/38
CORE	BP107P	GENERAL PHARMACY (PRACTICAL)	1	–	3	–	3	–	–	20/08	30/12	50/25
CORE	BP108P	HEALTHCARE PSYCHOLOGY AND COMMUNICATION SKILLS (PRACTICAL)	1	–	3	–	3	–	–	20/08	30/12	50/25
CORE	BP109P	HUMAN ANATOMY, PHYSIOLOGY AND PATHOPHYSIOLOGY I (PRACTICAL)	1	–	3	–	3	–	–	20/08	30/12	50/25
CORE	BP110P	INTRODUCTION TO PHARMACOGNOSY (PRACTICAL)	1	–	3	–	3	–	–	20/08	30/12	50/25
CORE	BP111P	PHARMACEUTICAL INORGANIC AND ANALYTICAL CHEMISTRY (PRACTICAL)	1	–	3	–	3	–	–	20/08	30/12	50/25



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SEMESTER 2												
Course Group	Course Code	Course Name	Cr	Teaching Scheme				INT(T) Max./ Passing	EXT(T) Max./ Passing	INT (P) Max./ Passing	EXT (P) Max./ Passing	Grand Total Max./ Passing
				T	P	Tu	Cont. Hrs					
CORE	BP201T	APPLIED BIOSTATISTICS AND DATA ANALYTICS FOR PHARMACEUTICAL SCIENCES (THEORY)	2	2	-	-	2	20/08	30/12	-	-	50/25
CORE	BP202T	BIOCHEMISTRY (THEORY)	3	3	-	-	3	30/12	45/18	-	-	75/38
CORE	BP203T	HUMAN ANATOMY, PHYSIOLOGY AND PATHOPHYSIOLOGY II (THEORY)	4	4	-	-	4	40/16	60/24	-	-	100/50
CORE	BP204T	PHARMACEUTICAL ORGANIC CHEMISTRY (THEORY)	4	4	-	-	4	40/16	60/24	-	-	100/50
CORE	BP205T	PHARMACOGNOSY AND PHYTOCHEMISTRY (THEORY)	4	4	-	-	4	40/16	60/24	-	-	100/50
CORE	BP206T	PHYSICAL PHARMACEUTICS (THEORY)	3	3	-	-	3	30/12	45/18	-	-	75/38
CORE	BP207P	BIOCHEMISTRY (PRACTICAL)	1	-	3	-	3	-	-	20/08	30/12	50/25
CORE	BP208P	HUMAN ANATOMY, PHYSIOLOGY AND PATHOPHYSIOLOGY II (PRACTICAL)	1	-	3	-	3	-	-	20/08	30/12	50/25
CORE	BP209P	PHARMACEUTICAL ORGANIC CHEMISTRY (PRACTICAL)	1	-	3	-	3	-	-	20/08	30/12	50/25
CORE	BP210P	PHARMACOGNOSY AND PHYTOCHEMISTRY (PRACTICAL)	1	-	3	-	3	-	-	20/08	30/12	50/25
CORE	BP211P	PHYSICAL PHARMACEUTICS (PRACTICAL)	1	-	3	-	3	-	-	20/08	30/12	50/25
SKILL ENHANCEMENT COURSE (ANY ONE)	BP212P SEC 1	COMMUNICATION SKILLS	1	-	2	-	2	-	-	20/08	30/12	50/25
	BP212P SEC 2	MENTAL WELL-BEING, STRESS & CONFLICT MANAGEMENT	1	-	2	-	2	-	-	20/08	30/12	50/25
	BP212P SEC 3	FUNDAMENTALS OF COMPUTER OPERATIONS	1	-	2	-	2	-	-	20/08	30/12	50/25
NONCREDIT COURSE	1UCN12001	ARTIFICIAL INTELLIGENCE FOR EVERYONE	-	1	2	-	3	50/18	-	50/18	-	100/36



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SEMESTER 3												
Course Group	Course Code	Course Name	Cr	Teaching Scheme				INT(T) Max./ Passing	EXT(T) Max./ Passing	INT(P) Max./ Passing	EXT(P) Max./ Passing	Grand Total Max./ Passing
				T	P	Tu	Cont Hrs					
CORE	BP301T	INTRODUCTION TO MACHINE LEARNING IN PHARMACEUTICAL SCIENCES (THEORY)	2	2	-	-	2	20/08	30/12	-	-	50/25
CORE	BP302T	ENVIRONMENTAL SCIENCES (THEORY)	1	1	-	-	1	20/08	30/12	-	-	50/25
CORE	BP303T	ETHICS AND UNIVERSAL HUMAN VALUES (THEORY)	1	1	-	-	1	20/08	30/12	-	-	50/25
CORE	BP304T	GENERAL PHARMACOLOGY (THEORY)	3	3	-	-	3	30/12	45/18	-	-	75/38
CORE	BP305T	HETEROCYCLIC COMPOUNDS AND STEREOCHEMISTRY (THEORY)	3	3	-	-	3	30/12	45/18	-	-	75/38
CORE	BP306T	PHARMACEUTICAL DOSAGE FORMS I (THEORY)	3	3	-	-	3	30/12	45/18	-	-	75/38
CORE	BP307T	PHARMACEUTICAL ENGINEERING (THEORY)	3	3	-	-	3	30/12	45/18	-	-	75/38
CORE	BP308T	PHARMACEUTICAL MICROBIOLOGY (THEORY)	3	3	-	-	3	30/12	45/18	-	-	75/38
CORE	BP309P	GENERAL PHARMACOLOGY (PRACTICAL)	2	-	4	-	4	-	-	20/08	30/12	50/25
CORE	BP310P	HETEROCYCLIC COMPOUNDS AND STEREOCHEMISTRY (PRACTICAL)	2	-	4	-	4	-	-	20/08	30/12	50/25
CORE	BP311P	PHARMACEUTICAL DOSAGE FORMS I (PRACTICAL)	1	-	3	-	3	-	-	20/08	30/12	50/25
ABILITY ENHANCEMENT COURSE (ANY ONE)	BP312P AEC1	NUTRACEUTICALS AND FUNCTIONAL FOODS	1	-	2	-	2	-	-	20/08	30/12	50/25
	BP312P AEC2	FOOD ANALYSIS	1	-	2	-	2	-	-	20/08	30/12	50/25
	BP312P AEC3	YOGA AND LIFE SCIENCES	1	-	2	-	2	-	-	20/08	30/12	50/25



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Course Group	Course Code	Course Name	Cr	Teaching Scheme				INT(T) Max./ Passing	EXT(T) Max./ Passing	INT(P) Max./ Passing	EXT(P) Max./ Passing	Grand Total Max./ Passing
				T	P	Tu	Cont. Hrs					
CORE	BP401T	HERBAL DRUG TECHNOLOGY (THEORY)	3	3	-	-	3	30/12	45/18	-	-	75/38
CORE	BP402T	MEDICINAL CHEMISTRY (THEORY)	3	3	-	-	3	30/12	45/18	-	-	75/38
CORE	BP403T	PHARMACEUTICAL BIOTECHNOLOGY (THEORY)	3	3	-	-	3	30/12	45/18	-	-	75/38
CORE	BP404T	SOCIAL PHARMACY AND PUBLIC HEALTH (THEORY)	2	2	-	-	2	20/08	30/12	-	-	50/25
CORE	BP405T	SYSTEMIC PHARMACOLOGY I (THEORY)	3	3	-	-	3	30/12	45/18	-	-	75/38
CORE	BP406P	HERBAL DRUG TECHNOLOGY (PRACTICAL)	1	-	3	-	3	-	-	20/08	30/12	50/25
CORE	BP407P	MEDICINAL CHEMISTRY (PRACTICAL)	1	-	3	-	3	-	-	20/08	30/12	50/25
CORE	BP408P	PHARMACEUTICAL BIOTECHNOLOGY (PRACTICAL)	1	-	3	-	3	-	-	20/08	30/12	50/25
CORE	BP409P	SOCIAL PHARMACY AND PUBLIC HEALTH (PRACTICAL)	1	-	3	-	3	-	-	20/08	30/12	50/25
CORE	BP410P	SYSTEMIC PHARMACOLOGY I (PRACTICAL)	1	-	3	-	3	-	-	20/08	30/12	50/25
INTERNSHIP	BP411I	INTERNSHIP (MANDATORY)	4	-	8	-	8	-	-	-	100/40	100/50



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SEMESTER 5												
Course Group	Course Code	Course Name	Cr	Teaching Scheme				INT(T) Max./ Passing	EXT(T) Max./ Passing	INT(P) Max./ Passing	EXT(P) Max./ Passing	Grand Total Max./ Passing
				T	P	Tu	Cont. Hrs					
CORE	BP501T	BIOMEDICINAL CHEMISTRY (THEORY)	3	3	-	-	3	30/12	45/18	-	-	75/38
CORE	BP502T	INDUSTRIAL PHARMACOGNOSY (THEORY)	3	3	-	-	3	30/12	45/18	-	-	75/38
CORE	BP503T	INNOVATION AND STARTUP ECOSYSTEM (THEORY)	2	2	-	-	2	20/08	30/12	-	-	50/25
CORE	BP504T	PHARMACEUTICAL DOSAGE FORM II (THEORY)	2	2	-	-	2	20/08	30/12	-	-	50/25
CORE	BP505T	PHARMACEUTICAL QUALITY ASSURANCE (THEORY)	3	3	-	-	3	30/12	45/18	-	-	75/38
CORE	BP506T	SYSTEMIC PHARMACOLOGY II (THEORY)	3	3	-	-	3	30/12	45/18	-	-	75/38
CORE	BP507P	BIOMEDICINAL CHEMISTRY (PRACTICAL)	2	-	4	-	4	-	-	20/08	30/12	50/25
CORE	BP508P	INDUSTRIAL PHARMACOGNOSY (PRACTICAL)	1	-	3	-	3	-	-	20/08	30/12	50/25
CORE	BP509P	PHARMACEUTICAL DOSAGE FORM II (PRACTICAL)	1	-	3	-	3	-	-	20/08	30/12	50/25
CORE	BP510P	SYSTEMIC PHARMACOLOGY II (PRACTICAL)	2	-	4	-	4	-	-	20/08	30/12	50/25



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SEMESTER 6												
Course Group	Course Code	Course Name	Cr	Teaching Scheme				INT(T) Max./ Passing	EXT(T) Max./ Passing	INT(P) Max./ Passing	EXT(P) Max./ Passing	Grand Total Max./ Passing
				T	P	Tu	Cont. Hrs					
CORE	BP601T	ADVANCED PHARMACOGNOSY (THEORY)	3	3	-	-	3	30/12	45/18	-	-	75/38
CORE	BP602T	BIOPHARMACEUTICS AND PHARMACOKINETICS (THEORY)	3	3	-	-	3	30/12	45/18	-	-	75/38
CORE	BP603T	INTELLECTUAL PROPERTY RIGHTS (THEORY)	2	2	-	-	2	20/08	30/12	-	-	50/25
CORE	BP604T	AI APPLICATIONS IN PHARMACEUTICAL SCIENCES (THEORY)	2	2	-	-	2	20/08	30/12	-	-	50/25
CORE	BP605T	PHARMACEUTICAL ANALYSIS (THEORY)	3	3	-	-	3	30/12	45/18	-	-	75/38
CORE	BP606T	PHARMACEUTICAL JURISPRUDENCE (THEORY)	3	3	-	-	3	30/12	45/18	-	-	75/38
ABILITY ENHANCEMENT COURSE (ANY ONE)	BP607T AEC1	GREEN CHEMISTRY	1	1	-	-	1	20/08	30/12	-	-	50/25
	BP607T AEC2	MATERIOVIGILANCE AND HEMOVIGILANCE	1	1	-	-	1	20/08	30/12	-	-	50/25
	BP607T AEC3	SCIENTIFIC WRITING	1	1	-	-	1	20/08	30/12	-	-	50/25
	BP607T AEC4	DRUG STORE AND BUSINESS MANAGEMENT	1	1	-	-	1	20/08	30/12	-	-	50/25
	BP607T AEC5	CAREER BUILDING IN CULTIVATION OF MEDICINAL PLANTS	1	1	-	-	1	20/08	30/12	-	-	50/25
	BP607T AEC6	ACTIVE PHARMACEUTICAL INGREDIENTS AND EXCIPIENT SCIENCES	1	1	-	-	1	20/08	30/12	-	-	50/25
CORE	BP608P	BIOPHARMACEUTICS AND PHARMACOKINETICS (PRACTICAL)	1	-	3	-	3	-	-	20/08	30/12	50/25
CORE	BP609P	PHARMACEUTICAL ANALYSIS (PRACTICAL)	2	-	4	-	4	-	-	20/08	30/12	50/25
SKILL ENHANCEMENT COURSE (ANY ONE)	BP610P SEC1	COMPUTER-AIDED DRUG DESIGN	1	-	2	-	2	-	-	20/08	30/12	50/25
	BP610P SEC2	ANALYTICAL METHOD DEVELOPMENT AND VALIDATION	1	-	2	-	2	-	-	20/08	30/12	50/25
	BP610P SEC3	PRINCIPLES OF PRECLINICAL STUDIES	1	-	2	-	2	-	-	20/08	30/12	50/25
VALUE ADDITION COURSE (ANY ONE)	BP611P VAC1	PROFESSIONAL SKILLS	1	-	2	-	2	-	-	20/08	30/12	50/25
	BP611P VAC2	PROCESS ANALYTICAL TECHNOLOGY (PAT) AND QBD IN FORMULATION SCIENCE	1	-	2	-	2	-	-	20/08	30/12	50/25
INTERNSHIP	BP612I	INTERNSHIP (MANDATORY)	4	-	8	-	8	-	-	-	100/40	100/50

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Programme Outcomes

PO1: Pharmacy Knowledge Apply comprehensive knowledge of pharmaceutical sciences, biomedical sciences, pharmacology, pharmacognosy, pharmaceutical chemistry, pharmacy practice, and manufacturing processes to understand drug actions, disease mechanisms, and therapeutic interventions and solve professional problems across diverse pharmacy domains.			
Competency		Indicators	
1.1	Demonstrate comprehensive knowledge of pharmaceutical and biomedical sciences.	1.1.1	Apply principles of pharmaceutical and biomedical sciences in understanding human physiology, pathology, and disease mechanisms.
		1.1.2	Apply pharmaceutical knowledge in drug discovery, design, development, and evaluation.
1.2	Demonstrate knowledge of pharmacology and therapeutic interventions.	1.2.1	Apply pharmacological principles in rational selection and use of drugs for disease management.
1.3	Demonstrate knowledge of pharmacognosy and natural products.	1.3.1	Identify medicinal plants, herbal drugs, and phytoconstituents used in healthcare.
		1.3.2	Apply knowledge of herbal drug standardization, quality evaluation, and therapeutic applications.
1.4	Demonstrate knowledge of pharmaceutical chemistry and analysis.	1.4.1	Apply chemical principles in synthesis, physicochemical properties and analytical data for quality evaluation of pharmaceutical substances.
1.5	Demonstrate knowledge of pharmacy practice and pharmaceutical manufacturing in patient care.	1.5.1	Apply principles of pharmacy practice, patient counseling, and medication safety in healthcare settings.
		1.5.2	Apply principles of formulation development, regulatory guidelines, manufacturing processes, quality assurance, and GMP in pharmaceutical production.
PO2: Problem Analysis, Critical Thinking and Evidence-Based Decision Making Identify, formulate, analyze, and interpret complex pharmaceutical problems using principles of scientific inquiry, critical thinking, biostatistics, and evidence-based reasoning to arrive at defensible solutions and informed decision-making.			
Competency		Indicators	
2.1	Demonstrate ability to identify and define pharmaceutical problems.	2.1.1	Identify and articulate pharmaceutical and healthcare-related problems using scientific knowledge and observations



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		2.1.2	Define objectives and scope for solving pharmaceutical problems systematically.
2.2	Demonstrate critical thinking and analytical abilities in pharmacy practice and research.	2.2.1	Analyze scientific data, experimental findings, and clinical information critically to support decision-making.
		2.2.2	Apply logical reasoning and critical thinking in interpretation of pharmaceutical problems and outcomes.
2.3	Demonstrate ability to apply scientific inquiry, biostatistics and evidence-based approaches for informed decision making.	2.3.1	Apply principles of scientific inquiry and evidence-based practice in solving pharmaceutical and healthcare problems.
		2.3.2	Apply basic biostatistical methods for analysis and interpretation of pharmaceutical and clinical data.
		2.3.3	Make informed decisions considering scientific, ethical, regulatory, and patient-related factors.
PO3. Pharmaceutical Skills & Practice Demonstrate proficiency in formulation development, analysis, quality assurance, pharmacovigilance, clinical pharmacotherapy, and pharmacy practice through laboratory work, simulations, internships, and experiential learning.			
Competency		Indicators	
3.1	Demonstrate pharmaceutical formulation, analysis, and quality assurance skills.	3.1.1	Apply formulation development and pharmaceutical analysis techniques in laboratory and industrial practices.
		3.1.2	Perform quality control and quality assurance procedures as per standard guidelines and regulatory requirements.
3.2	Demonstrate pharmacovigilance and clinical skills.	3.2.1	Apply principles of pharmacotherapy, patient counseling, and medication safety in pharmacy practice settings.
		3.2.2	Demonstrate skills related to pharmacovigilance, prescription analysis, and rational use of medicines.
3.3	Demonstrate practical and experiential learning abilities in pharmaceutical sciences.	3.3.1	Perform laboratory experiments, simulations, internships, and project work using appropriate pharmaceutical techniques and tools.
		3.3.2	Demonstrate professional competency through experiential learning and problem-solving in real-life pharmaceutical situations.



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PO4: Modern Tools, AI & Digital Competence

Select, apply, and evaluate modern pharmaceutical tools, analytical instruments, digital technologies, artificial intelligence, machine learning, and computational techniques with awareness of their limitations and ethical use.

Competency		Indicators	
4.1	Demonstrate ability to use modern pharmaceutical tools and analytical instruments.	4.1.1	Apply appropriate pharmaceutical instruments, laboratory techniques, and analytical tools for experimentation and data analysis.
4.2	Demonstrate digital, computational, and AI-based competencies in pharmacy ethically.	4.2.1	Apply digital technologies, computational methods, artificial intelligence, and machine learning tools in pharmaceutical applications.
		4.2.2	Apply ethical and responsible practices while using digital technologies and computational tools in pharmacy.

PO5: Research & Innovation

Design and conduct basic research, analyze data, interpret results, and contribute to innovation through research projects, startup initiatives, and problem-based learning relevant to industry, healthcare, and society.

Competency		Indicators	
5.1	Demonstrate ability to design and conduct pharmaceutical research.	5.1.1	Design and perform basic research experiments using appropriate scientific methods and protocols.
5.2	Demonstrate ability to analyze, interpret, and present research findings and problem solving abilities.	5.2.1	Analyze experimental and research data using appropriate scientific and statistical approaches.
		5.2.2	Interpret and communicate research findings through reports, presentations, and scientific documentation.
		5.2.3	Participate in research projects, startup initiatives, and industry-oriented activities for development of innovative solutions.

PO6: Professional Ethics & Human Values

Apply ethical principles, professional integrity, regulatory frameworks, intellectual property rights, and universal human values while addressing professional, legal, and societal responsibilities in pharmacy practice.

Competency		Indicators	
6.1	Demonstrate ethical and professional responsibilities in pharmacy practice.	6.1.1	Apply ethical principles, professional integrity, and responsible conduct in pharmacy profession and healthcare practices.



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6.2	Demonstrate understanding of regulatory frameworks and intellectual property rights.	6.2.1	Apply pharmacy laws, intellectual property rights, regulations, codes of ethics, and professional standards in pharmaceutical practices.
6.3	Demonstrate universal human values and social responsibilities.	6.3.1	Exhibit respect for cultural diversity, human values, and societal responsibilities in professional practice.

PO7. Communication & Interpersonal Skills

Communicate effectively with patients, healthcare professionals, industry personnel, and society through clear documentation, reports, presentations, counseling, teamwork, and interdisciplinary collaboration.

Competency		Indicators	
7.1	Demonstrate effective professional communication skills.	7.1.1	Communicate scientific, technical, and professional information effectively through reports, documentation, and presentations.
		7.1.2	Apply verbal and written communication skills in pharmaceutical, clinical, and research settings.
7.2	Demonstrate interpersonal and patient counseling skills.	7.2.1	Communicate effectively with patients and healthcare professionals for counseling, medication guidance, and healthcare support.
		7.2.2	Collaborate with peers, healthcare professionals, and industry personnel to achieve common professional goals.

PO8. Leadership, Management & Entrepreneurship

Demonstrate leadership, teamwork, planning, and managerial skills in pharmaceutical organizations, healthcare systems, quality systems, and entrepreneurial ventures, including innovation and startup ecosystems.

Competency		Indicators	
8.1	Demonstrate entrepreneurial, leadership and teamwork abilities in professional practice.	8.1.1	Apply leadership, team-building, and conflict-resolution skills in pharmaceutical and healthcare activities.
		8.1.2	Work effectively as a team member or leader to accomplish organizational and professional goals.
		8.1.3	Apply entrepreneurial thinking and innovation strategies for pharmaceutical business and startup initiatives.



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8.2	Demonstrate planning and managerial skills in pharmaceutical systems.	8.2.1	Apply planning, organizational, time management, and resource management skills in pharmaceutical and healthcare settings.
		8.2.2	Demonstrate understanding of quality systems, regulatory practices, and managerial functions in pharmaceutical organizations.

PO9. Pharmacist & Society

Evaluate public health, patient safety, legal, and societal issues related to pharmacy practice and contribute responsibly to healthcare delivery, rational use of medicines, and improvement of community health outcomes.

Competency		Indicators	
9.1	Demonstrate understanding of the role of pharmacists in public health and healthcare delivery.	9.1.1	Apply principles of public health, patient safety, and rational use of medicines in pharmacy practice and community healthcare activities.
9.2	Demonstrate understanding of legal and societal responsibilities in pharmacy practice.	9.2.1	Interpret pharmacy laws, regulations, and professional standards relevant to healthcare and patient safety.
		9.2.2	Evaluate societal, ethical, and healthcare issues associated with pharmacy profession and pharmaceutical services.

PO10. Environment and sustainability

Recognize and address the environmental impact of pharmaceutical manufacturing, use, and disposal, and promote environmentally responsible practices, green pharmacy principles, and sustainable healthcare aligned with the United Nation's Sustainable Development Goals (SDGs).

Competency		Indicators	
10.1	Demonstrate understanding of environmental and sustainability issues	10.1.1	Explain principles of environmental protection, waste management, and sustainable healthcare practices.
		10.1.2	Apply green pharmacy principles and environmentally responsible practices in pharmaceutical and healthcare activities.
10.2	Demonstrate awareness of global sustainability initiatives and social responsibility.	10.2.1	Relate pharmaceutical and healthcare practices with United Nation's Sustainable Development Goals (SDGs).
		10.2.2	Participate in activities promoting environmental awareness, sustainable development, and community well-being.

PO11: Life-Long Learning & Professional Development

Recognize the need for continuous learning and demonstrate the ability to engage in self directed, life-long learning to adapt to technological advancements, evolving healthcare needs, and professional growth.

Competency	Indicators
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11.1	Demonstrate self-directed learning and continuous professional development abilities.	11.1.1	Identify learning needs and independently acquire knowledge and skills relevant to pharmaceutical sciences and healthcare.
		11.1.2	Utilize appropriate learning resources, digital platforms, MOOCs, and professional development opportunities for continuous learning.
11.2	Demonstrate adaptability towards technological and healthcare advancements.	11.2.1	Recognize emerging trends, technologies, and innovations in pharmaceutical sciences and healthcare practices.
		11.2.2	Demonstrate commitment towards lifelong learning, ethical practice and professional excellence.

