



BACHELOR OF PHARMACY(GENERAL STREAM)
ACCORDING TO (NEP 2020)
SYLLABUS 2025

<u>YEAR / SEMESTER</u>	<u>SUBJECT NAME</u>	<u>THEORY</u>	<u>PRACTICAL</u>
1ST YEAR (1ST SEM)	GENERAL PHARMACY	THEORY	PRACTICAL
	PHARMACEUTICAL INORGANIC AND ANALYTICAL CHEMISTRY	THEORY	PRACTICAL
	HUMAN ANATOMY AND PHYSIOLOGY AND PATHOPHYSIOLOGY	THEORY	PRACTICAL
	INTRODUCTION TO PHARMACOGNOSY	THEORY	PRACTICAL
	AI & PYTHON PROGRAMMING FOR PHARMACY 1	THEORY	-----
1ST YEAR (2ND SEM)	PHYSICAL PHARMACEUTICS	THEORY	PRACTICAL
	PHARMACEUTICAL ORGANIC CHEMISTRY	THEORY	PRACTICAL
	HUMAN ANATOMY AND PHYSIOLOGY AND PATHOPHYSIOLOGY II	THEORY	PRACTICAL
	PHARMACOGNOSY AND PYTHOCHEMISTRY	THEORY	PRACTICAL
	BIOCHEMISTRY	THEORY	PRACTICAL
	AI & PYTHON PROGRAMMING FOR PHARMACY II	THEORY	-----
2ND YEAR (3RD SEM)	DOSAGE FORM : STERILE	THEORY	PRACTICAL
	CHEMISTRY FOR AROMATIC AND HETEROCYCLIC COMPOUNDS	THEORY	PRACTICAL
	GENERAL PHARMACOLOGY AND RECENT ADVANCES	THEORY	PRACTICAL
	PHARMACEUTICAL MICROBIOLOGY	THEORY	PRACTICAL
	PHARMACEUTICAL MATHEMATICS	THEORY	-----
	ETHICS AND UNIVERSAL HUMAN VALUE	THEORY	-----
	AI FORMULATION AND PREFORMULATION	THEORY	-----
	HERBAL DRUG TECHNOLOGY	THEORY	PRACTICAL

2ND YEAR (4TH SEM)	MEDICINAL CHEMISTRY	THEORY	PRACTICAL
	SYSTEMATIC PHARMACOLOGY AND AUTACOIDS	THEORY	PRACTICAL
	PHARMACEUTICAL BIOTECHNOLOGY AND MICROBIOLOGY	THEORY	PRACTICAL
	SOCIAL PHARMACY AND PUBLIC HEALTH	THEORY	-----
	DRUG DESIGN AND DISCOVERY	THEORY	-----
	ENVIRONMENTAL SCIENCES	THEORY	-----
	AI IN PHARMA CHEMISTRY, ANALYSIS & BIOINFORMATICS	THEORY	-----
3RD YEAR (5TH SEM)	BIOMEDICAL CHEMISTRY	THEORY	PRACTICAL
	PHARMACEUTICAL ANALYSIS	THEORY	PRACTICAL
	SYSTEMATIC PHARMACOLOGY AND CHEMOTHERAPY-1	THEORY	PRACTICAL
	INNOVATION AND STARTUP ECOSYSTEM	THEORY	-----
	AI IN PHARMACOGNOSY AND DRUG SAFETY	THEORY	-----
	INDUSTRIAL PHARMACOGNOSY	THEORY	PRACTICAL
3RD YEAR (6TH SEM)	PHARMACEUTICAL QUALITY ASSURANCE	THEORY	PRACTICAL
	ADVANCED PHARMACOGNOSY (TRENDS IN DRUG DISCOVERY FROM NATURAL RESOURCES)	THEORY	-----
	BIOPHARMACEUTICS AND PHARMACOKINETICS	THEORY	-----
	PHARMACEUTICAL JURISPRUDENCE	THEORY	-----
	ML IN PHARMACOGNOSY & BIOTECH DISCOVERY	THEORY	-----
4TH YEAR (7TH SEM)	MODERN ANALYTICAL TECHNIQUE	THEORY	PRACTICAL
	PHARMACOVIGILANCE & MATERIOVIGILANCE	THEORY	-----
	COSMETICS AND COSMECEUTICALS	THEORY	PRACTICAL

	INTELLIGENT MANUFACTURING & SMART QA IN PHARMACY	THEORY	-----
4TH YEAR (8TH SEM)	BIostatISTICS AND RESEARCH METHODOLOGY	THEORY	-----
	PHARMACEUTICAL MANAGEMENT	THEORY	-----
	PHARMACEUTICAL MARKETING SKILLS FOR INDUSTRIAL PHARMACY LAB	THEORY	-----
	AI IN PHARMACY PRACTICE AND PATIENTS CARE	THEORY	-----