

PHARMACY COUNCIL OF INDIA

SYLLABUS

BACHELOR OF PHARMACY (B. Pharm)
(2026)

As per NEP 2020



YEAR 4
Semester VII & Semester VIII

Table-7: Course of study for semester VII

Course Code		Name of the course	No. of hours per week (L/P)	Credit points
BP701T		Biostatistics Research methodology (Theory)	3	3
BP702T		Cosmetics and Cosmeceuticals (Theory)	2	2
BP703T		AI in Clinical applications (Theory)	2	2
BP704T		Modern Analytical Techniques (Theory)	3	3
BP705T		Pharmacovigilance (Theory)	3	3
BP706T		Pharmacy Practice (Theory)	3	3
BP707T		Regulatory Affairs (Theory)	2	2
BP708T AEC	BP708T AEC1	Current Good Manufacturing Practices (cGMP)	1	1
	BP708T AEC2	Pharmaceutical Automation		
	BP708T AEC3	Modern Techniques in Cellular Biology		
	BP708T AEC4	Medical Devices		
	BP708T AEC5	Transformation of Food Waste into Medicinal Products		
	BP708T AEC6	Biosimilars, Vaccines & Macromolecules		
BP709P		Modern Analytical Techniques (Practical)	3	1
BP710RP		Research Project	-	6
Total			22	26

Table-8: Course of study for semester VIII

Course Code		Name of the course	No. of hours per week (L/P)	Credit points
BP801T		Ethical Considerations and Translational Applications of AI in Pharmacy (Theory)	2	2
BP802T		Clinical Pharmacotherapeutics (Theory)	2	2
BP803T		Industrial Pharmacy and Facility Design (Theory)	3	3
BP804T		Pharmaceutical Management (Theory)	2	2
BP805T		Sterile Dosage Forms and Novel Drug Delivery System (Theory)	3	3

Course Code		Name of the course	No. of hours per week (L/P)	Credit points
BP806T AEC*	BP806T AEC1	Pharmaceutical Packaging	2	2
	BP806T AEC2	Supply Chain Management		
	BP806T AEC3	Industrial Safety and Waste Management		
	BP806T AEC4	Traditional Healing Practices of India		
	BP806T AEC5	Futuristic Pharma through AR/VR: Pharma 4.0		
	BP806T AEC6	Herbal Cosmetics for Industry Perspective		
BP807P		Pharmaceutical Marketing Skills (Practical)	2	1
BP808P		Sterile Dosage Forms and Novel Drug Delivery System (Practical)	4	2
BP809P VAC*	BP809P VAC1	Cleaning Validation	2	1
	BP809P VAC2	Basic Training in Aseptic Handling Techniques		
	BP809P VAC3	Impurity Profiling		
BP810RP		Research Project	-	6
Total			22	24