



Indrashil University

(Established by an Act under the Gujarat Private Universities Act, 2009)

A Life Sciences University

Sustained Excellence with Relevance

School of Pharmacy

Bachelor in Pharmacy

Proposed Course Curriculum

w.e.f. Academic Year 2022-23

B. PHARM. PROGRAMME (w. e. f. academic year 2022-23)

Semester:1	Cumulative Semester Credit Required: 30 *Non University Examination		
Course Code	Subject Name	L-T-P	Credits
BP101T	Human Anatomy and Physiology I–Theory	3-1-0	4
BP102T	Pharmaceutical Analysis I – Theory	3-1-0	4
BP103T	Pharmaceutics I – Theory	3-1-0	4
BP104T	Pharmaceutical Inorganic Chemistry – Theory	3-1-0	4
*BP105T	Communication skills – Theory	2-0-0	2
*BP106RBT	Remedial Biology - Theory	2-0-0	2
*BP106RMT	Remedial Mathematics – Theory		
BP107P	Human Anatomy and Physiology – Practical	0-0-4	2
BP108P	Pharmaceutical Analysis I – Practical	0-0-4	2
BP109P	Pharmaceutics I – Practical	0-0-4	2
BP110P	Pharmaceutical Inorganic Chemistry – Practical	0-0-4	2
*BP111P	Communication skills – Practical	0-0-2	1
*BP112P	Remedial Biology - Practical	0-0-2	1
	Total	16-4-20	30
Semester:2	Cumulative Semester Credit Required:29		
Course Code	Subject Name	L-T-P	Credits
BP201T	Human Anatomy and Physiology II – Theory	3-1-0	4
BP202T	Pharmaceutical Organic Chemistry I – Theory	3-1-0	4
BP203T	Biochemistry – Theory	3-1-0	4
BP204T	Pathophysiology – Theory	3-1-0	4
*BP205T	Computer Applications in Pharmacy – Theory	3-0-0	3
*BP206T	Environmental sciences – Theory	3-0-0	3
BP207P	Human Anatomy and Physiology II – Practical	0-0-4	2
BP208P	Pharmaceutical Organic Chemistry I – Practical	0-0-4	2
BP209P	Biochemistry – Practical	0-0-4	2
*BP210P	Computer Applications in Pharmacy – Practical	0-0-2	1
	Total	18-4-14	29

Semester: 3	Cumulative Semester Credit Required: 24		
Course Code	Subject Name	L-T-P	Credits
BP301T	Pharmaceutical Organic Chemistry II – Theory	3-1-0	4
BP302T	Physical Pharmaceutics I – Theory	3-1-0	4
BP303T	Pharmaceutical Microbiology – Theory	3-1-0	4
BP304T	Pharmaceutical Engineering – Theory	3-1-0	4
BP305P	Pharmaceutical Organic Chemistry II –Practical	0-0-4	2
BP306P	Physical Pharmaceutics I –Practical	0-0-4	2
BP307P	Pharmaceutical Microbiology –Practical	0-0-4	2
BP308P	Pharmaceutical Engineering –Practical	0-0-4	2
	Total	12-4-16	24
Semester: 4	Cumulative Semester Credit Required:30		
Course Code	Subject Name	L-T-P	Credits
BP401T	Pharmaceutical Organic Chemistry III– Theory	3-1-0	4
BP402T	Medicinal Chemistry I – Theory	3-1-0	4
BP403T	Physical Pharmaceutics II – Theory	3-1-0	4
BP404T	Pharmacology I – Theory	3-1-0	4
BP405T	Pharmacognosy and Phytochemistry I – Theory	3-1-0	4
BP406P	Medicinal Chemistry I – Practical	0-0-4	2
BP407P	Physical Pharmaceutics II – Practical	0-0-4	2
BP408P	Pharmacology I – Practical	0-0-4	2
BP409P	Pharmacognosy and Phytochemistry I – Practical	0-0-4	2
	Total	15-5-16	30

Semester: 5	Cumulative Semester Credit Required:26		
Course Code	Subject Name	L-T-P	Credits
BP501T	Medicinal Chemistry II – Theory	3-1-0	4
BP502T	Industrial Pharmacy I- Theory	3-1-0	4
BP503T	Pharmacology II - Theory	3-1-0	4
BP504T	Pharmacognosy and Phytochemistry II - Theory	3-1-0	4
BP505T	Pharmaceutical Jurisprudence	3-1-0	4
BP506P	Industrial Pharmacy I – Practical	0-0-4	2
BP507P	Pharmacognosy II – Practical	0-0-4	2
BP508P	Pharmacognosy and Phytochemistry II – Practical	0-0-4	2
	Total	15-5-12	26
Semester: 6	Cumulative Semester Credit Required:30		
Course Code	Subject Name	L-T-P	Credits
BP601T	Medicinal Chemistry III – Theory	3-1-0	4
BP602T	Pharmacology III – Theory	3-1-0	4
BP603T	Herbal Drug Technology – Theory	3-1-0	4
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	3-1-0	4
BP605T	Pharmaceutical Biotechnology – Theory	3-1-0	4
BP606T	Quality Assurance –Theory	3-1-0	4
BP607P	Medicinal chemistry III – Practical	0-0-4	2
BP608P	Pharmacology III – Practical	0-0-4	2
BP609P	Herbal Drug Technology – Practical	0-0-4	2
	Total	18-6-16	30

Semester: 7	Cumulative Semester Credit Required:24		
Course Code	Subject Name	L-T-P	Credits
BP701T	Instrumental Method of Analysis- Theory	3-1-0	4
BP702T	Industrial Pharmacy II – Theory	3-1-0	4
BP703T	Pharmacy Practice – Theory	3-1-0	4
BP704T	Novel Drug Delivery System – Theory	3-1-0	4
BP705P	Instrumental Methods of Analysis – Practical	0-0-4	2
BP706PS	Practice School*	0-0-12	6
	Total	12-4-16	24
Semester: 8	Cumulative Semester Credit Required:22		
Course Code	Subject Name	L-T-P	Credits
BP801T	Biostatistics and Research Methodology	3-1-0	4
BP802T	Social and Preventive Pharmacy	3-1-0	4
BP803ET	Pharma Marketing Management	6-2-0	8
BP804ET	Pharmaceutical Regulatory Science		
BP805ET	Pharmacovigilance		
BP806ET	Quality Control and Standardization of Herbals		
BP807ET	Computer Aided Drug Design		
BP808ET	Cell and Molecular Biology		
BP809ET	Cosmetic Science		
BP810ET	Experimental Pharmacology		
BP811ET	Advanced Instrumentation Techniques		
BP812ET	Dietary Supplements and Nutraceuticals		
BP813PW	Project Work	0-0-12	6
	Total	12-4-12	22