

Bachelor of Pharmacy

Semester - I

w.e.f June 2012

Subject Code	Subject Name	Teaching Scheme (Hours)			Credits	Theory		Practical		Total Marks
		Theory	Tutorial	Practical		External	Internal	External	Internal	
2210001	Unit Operation-I	4	0	3	7	80	20	80	20	200
2210002	Pharm Chem-I (Inorganic Chemistry)	4	0	3	7	80	20	80	20	200
2210003	Pharmaceutical Analysis-I	4	0	3	7	80	20	80	20	200
2210004	Human Anatomy Physiology - I	4	0	3	7	80	20	80	20	200
2210005	Basics of Computer Applications - I	2	0	3	5	80	20	80	20	200
Total		18	0	15	33					

Semester - II

w.e.f Dec 2012

Subject Code	Subject Name	Teaching Scheme (Hours)			Credits	Theory		Practical		Total Marks
		Theory	Tutorial	Practical		External	Internal	External	Internal	
2220001	Physical Pharmacy	3	0	3	6	80	20	80	20	200
2220002	Pharmaceutical Chemistry-II (Physical Chemistry)	3	0	3	6	80	20	80	20	200
2220003	Pharmaceutical Analysis-II	4	0	3	7	80	20	80	20	200
2220004	Human Anatomy Physiology-II	4	0	3	7	80	20	80	20	200
2220005	Basics of computer application- II	0	0	3	3	0	0	80	20	100
1990001	Contributor Personality Development	4	0	0	4	80	20	0	0	100
2220006	Environmental Studies	3	0	0	3	80	20	0	0	100
Total		21	0	15	36					

Semester - III

w.e.f June 2013

Subject Code	Subject Name	Teaching Scheme (Hours)			Credits	Theory		Practical		Total Marks
		Theory	Tutorial	Practical		External	Internal	External	Internal	
2230001	Dispensing Pharmacy I and Drug Store Management	3	0	3	6	80	20	80	20	200
2230002	Pharmaceutical Engineering	3	0	3	6	80	20	80	20	200
2230003	Pharmaceutical Chemistry-III (Biochemistry – I)	3	0	3	6	80	20	80	20	200
2230004	Pharmaceutical Chemistry-IV (Organic Chemistry – I)	3	0	3	6	80	20	80	20	200
2230005	Health Education & Community Health	3	0	0	3	80	20	0	0	100
2230006	Pharmacognosy-I	3	0	3	6	80	20	80	20	200
	Total	18	0	15	33					

Semester - IV

w.e.f Dec 2013

Subject Code	Subject Name	Teaching Scheme (Hours)			Credits	Theory		Practical		Total Marks
		Theory	Tutorial	Practical		External	Internal	External	Internal	
2240001	Unit Operations-II	3	0	3	6	80	20	80	20	200
2240002	Dispensing Pharmacy II and Pharma Industrial Management	3	0	3	6	80	20	80	20	200
2240003	Pharmaceutical Chemistry – V (Biochemistry – II)	3	0	3	6	80	20	80	20	200
2240004	Pharmaceutical Chemistry – VI (Organic Chemistry – II)	3	0	3	6	80	20	80	20	200
2240005	Basic Concepts of Pharmacology and Clinical Pharmacy Practice	3	0	0	3	80	20	0	0	100
2240006	Pharmacognosy-II	3	0	3	6	80	20	80	20	200
	Total	18	0	15	33					

Semester - V

w.e.f June 2014

Subject Code	Subject Name	Teaching Scheme (Hours)			Credits	Theory		Practical		Total Marks
		Theory	Tutorial	Practical		External	Internal	External	Internal	
2250001	Hospital and Community Pharmacy	3	0	0	3	80	20	0	0	100
2250002	Pharmaceutical Microbiology & Biotechnology – I	3	0	3	6	80	20	80	20	200
2250003	Pharmaceutical Analysis III	3	0	3	6	80	20	80	20	200
2250004	Pharmaceutical Chemistry – VII (Medicinal Chemistry - I)	3	0	3	6	80	20	80	20	200
2250005	Pharmacology and Pharmacotherapeutics–I	3	0	3	6	80	20	80	20	200
2250006	Pharmacognosy-III	3	0	3	6	80	20	80	20	200
Total		18	0	15	33					

Semester - VI

w.e.f Dec 2014

Subject Code	Subject Name	Teaching Scheme (Hours)			Credits	Theory		Practical		Total Marks
		Theory	Tutorial	Practical		External	Internal	External	Internal	
2260001	Forensic Pharmacy	3	0	0	3	80	20	0	0	100
2260002	Pharmaceutical Microbiology & Biotechnology – I	3	0	3	6	80	20	80	20	200
2260003	Pharmaceutical Analysis IV	3	0	3	6	80	20	80	20	200
2260004	Pharmaceutical Chemistry – VIII (Medicinal Chemistry - II)	3	0	3	6	80	20	80	20	200
2260005	Pharmacology and Pharmacotherapeutics–II	3	0	3	6	80	20	80	20	200
2260006	Pharmacognosy-IV	3	0	3	6	80	20	80	20	200
Total		18	0	15	33					

Semester - VII

w.e.f June 2015

Subject Code	Subject Name	Teaching Scheme (Hours)			Credits	Theory		Practical		Total Marks
		Theory	Tutorial	Practical		External	Internal	External	Internal	
2270001	Dosage form Design I	3	0	3	6	80	20	80	20	200
2270002	Pharmaceutical Technology I	3	0	3	6	80	20	80	20	200
2270003	Pharmaceutical Chemistry – IX (Medicinal Chemistry - III)	3	0	3	6	80	20	80	20	200
2270004	Pharmacology and Pharmacotherapeutics – III	3	0	3	6	80	20	80	20	200
2270005	Pharmacognosy-V	3	0	3	6	80	20	80	20	200
	Elective - I	3	0	0	3	80	20	0	0	100
	Total	18	0	15	33					

Subject code	Elective - I
2270006	Cyber Security
2270007	Environmental Toxicology and Green Audit
2270008	Nutraceuticals
2270009	Pharmaceutical Marketing Management
2270010	Pharmacovigilance
2270011	Herbal Cosmetics
2270012	Green Chemistry
2270013	Agronomy and Forestry of Medicinal Plants
2270014	Instrumental and Process Validation
2270015	Quality by Design (QbD) and Process Analytical Technology (PAT)
2270016	Innovations in Conventional Drug Delivery System
2270017	Disaster Management

Semester - VIII

w.e.f Dec 2015

Subject Code	Subject Name	Teaching Scheme (Hours)			Credits	Theory		Practical		Total Marks
		Theory	Tutorial	Practical		External	Internal	External	Internal	
2280001	Dosage form Design II	3	0	3	6	80	20	80	20	200
2280002	Pharmaceutical Technology II	3	0	3	6	80	20	80	20	200
2280003	Pharmaceutical Chemistry – X (Medicinal Chemistry - III)	3	0	3	6	80	20	80	20	200
2280004	Pharmacology and Pharmacotherapeutics – IV	3	0	3	6	80	20	80	20	200
2280005	Pharmacognosy-VI	3	0	3	6	80	20	80	20	200
	Elective - II	3	0	0	3	80	20	0	0	100
	Total	18	0	15	33					

Subject code	Elective - II
2280006	Computer Applications in drug discovery
2280007	Pharmacy Practice
2280008	Bioavailability and Therapeutic Drug Monitoring
2280009	Food Analysis
2280010	Hospital Management and Medical Tourism
2280011	Drug Approval Process
2280012	Intellectual Property Rights and Patents
2280013	Medical Writing and coding
2280014	Commerce of herbs and Phytoconstituents
2280015	Genetic engineering and gene therapy
2280016	Current advances in Novel Drug Delivery Systems
2280017	Elementary Mathematics