

Bengaluru-560107

Course outcomes

Bachelor of Pharmacy

Department	ACP	Semester	1	Course Code	BP101T	Course ID	C101		
Course Titl	e	Human Anatomy And Physiology I							
Course outcome	No.	C	Course Outcome Statements						
C101.1		Explain gene	ral t	erminolog	y, cell struct	ure, function; in	nterrelationships		
						an functions in e			
C101.2						stem with each	other and their		
		contributions							
C101.3		Identify different axial and appendicular bones of the human skeleton							
C101.4		Apply concer to lymph, ski					ysiology related		
C101.5							vascular system,		
0.101.5		hematopoieti					asculai system,		
Department	ACP	Semester	<u>1</u>	Course	BP102T	Course ID	C102		
1	_			Code	-				
Course title	e			Pha	rmaceutical	analysis I			
Course outcome	e No.	С	ours	se outcome	statements				
C102.1		Describe the various analytical techniques and fundamentals of							
		volumetric							
C102.2		analysis							
C102.2		Describe the preparation and standardization of sodium hydroxide,							
		sulphuric acid, sodium thiosulfate, potassium permanganate and ceric ammonium sulphate							
C102.3			1		rations inclu	ding acid-base ti	trations non-		
0102.5			tratio			-			
		complexomet				· 1 1	ion initiations,		
C102.4						ectro-analytical	techniques		
Department	ACP		1	Course	BP103T	Course ID	C103		
				Code					
Course title					Pharmaceut	tics I			
Course outco No.	me	C	ours	e outcome	statements				
C103.1		Discuss abou	it the	e pharmacy	profession, r	oharmacopoeias.	prescription.		
		posology, ph					· · · · · · · · · · · · · · · · · · ·		
C103.2						lers, monophasi	c and		
		biphasic liqu				· 1			
C103.3		Explain the t	ypes	of incomp	atibilities in	pharmaceutical f	formulations		
C103.4		Describe the	forn	nulation as	pects of supp	ositories and oth	er semisolid		
		dosage forms							
Department	ACP	Semester	1	Course Code	BP104T	Course ID	C104		
Course Titl	e				utical Inorga	anic Chemistry	<u> </u>		
Course Outco		C			~	inter en			
No.		Course Outcome Statements							
C104.1		Explain the	role	of variou	s impurities	in pharmaceu	ticals and their		
		detection			*	-			
C104.2		Describe the	theor	retical aspe	cts of acids, l	bases and buffer	S		

ACHARYA

Benealuru-560107 Datasa Benealuru-560107 Consection of radiopharmaceuticals C104.4 Describe the method of preparation, storage, assay and uses of certain incogaric pharmaceuticals Department ACP Semester 1 Course Difference Course Outcome Course Outcome Statements No. C107. Course Outcome Statements No. C107. Course Outcome Statements C107.1 Describe the distinguishing features of each of the four types of tissue C107.3 Demonstrate competency in blood parameters- recording observations, and analyzing data Department ACP Semester 1 Course DP1002 C108 Course Outcome Statements C108.1 Carry out the preparation and standardization of various molar and normal solutions including cerimetry, iodimetry, iodometry, redox titrations including cerimetry, iodimetry, iodometry, bromatometry, dichrometry and gravimetric analysis C108.2 Perform various types of titrations such as precipitation, complexometry, redox titrations includi		A	CHAKYA O	z BIV			OF PHARMA	ACHARY/		
radiopharmaceuticals The second of the method of preparation, storage, assay and uses of certain inorganic pharmaceuticals Department ACP Semester 1 Course Bp107p Course ID C107 Course Title Human Anatomy and Physiology - Practical Course Outcome Course Outcome Course Outcome Course Outcome No. Course Outcome Course Outcome Statements C107.1 Describe the distinguishing features of each of the four types of tissue C107.1 Locate and identify anatomical structures Course ID C108 C107.2 Locate and identify anatomical structures Course ID C108 Course Outcome No. Course Outcome Statements Course Outcome No. Course Outcome Statements C108.1 Carry out the preparation and standardization of various molar and normal solutions Inormal solutions Inormal solutions C108.2 Perform various types of titrations such as precipitation, complexometry, redox titrations including cerimetry, iodimetry, iodometry, bromatometry, and potentionetry Inormal solutions IO9 Course Title Pharmaceutics I- Practical Course Outcome No. Course Outcome Statements C108.3 Determine the analyte by electro-analytical methods such as conductometry and potentin	C104 3		Summarize t	he r			asurement and	applications of		
C104.4 Describe the method of preparation, storage, assay and uses of certain inorganic pharmaceuticals Department ACP Semester 1 Course Bp107p Course ID C107 Course Outcome Course Outcome Statements Course Outcome Course Outcome Statements C107.1 Describe the distinguishing features of each of the four types of tissue C107.1 Describe the distinguishing features of each of the four types of tissue C107.2 Decare and identify anatomical structures C107.3 Demonstrate competency in blood parameters- recording observations, and analyzing data BP108P Course ID C108 Course Title Pharmaceutical Analysis- Practical Course Outcome Statements Course Outcome Statements C108.1 Carry out the preparation and standardization of various molar and normal solutions Semester 1 Course of tirations such as precipitation, complexometry, idehrometry and gravimetric analysis C108.2 Perform various types of titrations such as precipitation, complexometry, idehrometry and protentiometry Course ID C109 Course Title Pharmaceutics I- Practical Course ID C109 Course Outcome No. Course Outcome Statements C109	C10 4 .5					operties, inc	asurement, and	applications of		
Inorganic pharmaceuticals Instruction Department ACP Semester 1 Course Bp107p Course 1D C107 Course Title Human Anatomy and Physiology - Practical Course Outcome Course Outcome Statements Course Course Course Outcome Statements Course Course Course Course Outcome Statements Course Course Course Statements Course Cou	C104.4					naration sto	rage accav and	uses of certain		
Department ACP Semester 1 Course Code Bp107p Course ID C107 Course Title Human Anatomy and Physiology - Practical Course Outcome Course Outcome Course Outcome Semester I Course Outcome Semester I Course Outcome Statements Semester I Course Outcome Semester I Course ID Cl07.1 Describe the distinguishing features of each of the four types of tissue C107.1 Deconstrate competency in blood parameters- recording observations, and analyzing data Department ACP Semester I Course BP108P Course ID Cl08 Course Outcome No. Course Outcome Statements Course ID Cl08 Course ID Cl08 Cl08.1 Carry out the preparation and standardization of various molar and normal solutions Cl08.2 Perform various types of titrations such as precipitation, complexometry, idehrometry, and gravimetric analysis Cl08.2 Determine the analyte by electro-analytical methods such as conductometry and gravimetric analysis Cl09 Course ID Cl09 Department ACP Semester 1 Course DEtermine the analyte by electro-ana	0104.4				-	paradoli, sto	lage, assay and	uses of certain		
Course Title Human Anatomy and Physiology - Practical Course Outcome No. Course Outcome Statements C107.1 Describe the distinguishing features of each of the four types of tissue C107.3 Demonstrate competency in blood parameters- recording observations, and analyzing data Department ACP Semester 1 Code Curse Title Pharmaceutical Analysis- Practical Course Outcome No. Course Outcome Statements C108.1 Carry out the preparation and standardization of various molar and normal solutions C108.2 Perform various types of titrations such as precipitation, complexometry, tectox titrations including cerimetry, iodimetry, iodometry, bromatometry, and gravimetric analysis C108.3 Determine the analyte by electro-analytical methods such as conductometry and protentiometry Department ACP Semester 1 Course Course Title Pharmaceutics I- Practical Course Title Pharmaceutics I- practical Course Outcome No. Course Dutcome Statements C109.1 Outline the history of the profession of pharmacy; the development of the IP and introduction about BP, USP and Extra pharmaceopocia, various dosage forms, parts and procedure for handling the prescription inguids, biphasic liqui	Department		0 1			D n107n	Course ID	C107		
Course Title Human Anatomy and Physiology - Practical Course Outcome No. Course Outcome Statements C107.1 Describe the distinguishing features of each of the four types of tissue C107.2 Locate and identify anatomical structures C107.3 Demonstrate competency in blood parameters- recording observations, and analyzing data Department ACP Semester 1 Course Outcome No. Course Outcome Statements C108.2 Carry out the preparation and standardization of various molar and normal solutions C108.1 Carry out the preparation and standardization of various molar and normal solutions C108.2 Perform various types of titrations such as precipitation, complexometry, redox titrations including cerimetry, iodimetry, iodometry, bromatometry, dichrometry and gravimetric analysis C108.3 Determine the analyte by electro-analytical methods such as conductometry and potentiometry Department ACP Semester 1 Course Outcome No. Course BP109P Course Title Pharmaceutics I- Practical Course Outcome No. Course Outcome Statements C109.1 Outline the history of the profession of pharmacy; the development of the P and introduc	Department	ACF	Semester	T		ph10/h	Course ID	C107		
Course Outcome No. Course Outcome Statements No. Ci07.1 Describe the distinguishing features of each of the four types of tissue C107.2 Locate and identify anatomical structures C107.3 Demonstrate competency in blood parameters- recording observations, and analyzing data Department ACP Semester I Course BP108P Course ID C108 Course Outcome No. Course Outcome Statements Course Outcome Statements Course outcome received and standardization of various molar and normal solutions C108.1 Carry out the preparation and standardization of various molar and normal C108.2 Perform various types of titrations such as precipitation, complexometry, redox titrations including cerimetry, iodimetry, iodometry, bromatometry, and gravimetric analysis C108.3 Determine the analyte by electro-analytical methods such as conductometry and potentiometry Department ACP Semester I Course BP109P Course ID C109 Course Outcome No. Course Outcome Statements Course outcome Statements Courde C109 Course Outcome No. Course Outcome Statements Course outcome Statements Courde C109 Courese	Course Titl	e		Hu		my and Phy	siology - Pract	ical		
No. C107.1 Describe the distinguishing features of each of the four types of tissue C107.2 Locate and identify anatomical structures Clorse Clorse Demonstrate competency in blood parameters- recording observations, and analyzing data Department ACP Semester I Course BP108P Course ID Clorse Course Outcome No. Course Outcome Statements Clorse under the preparation and standardization of various molar and normal solutions Statements Clorse Clorse outcome Statements C108.2 Perform various types of titrations such as precipitation, complexometry, redox titrations including cerimetry, iodimetry, iodimetry, bromatometry, dichrometry and gravimetric analysis Clorse Determine the analyte by electro-analytical methods such as conductometry and potentiometry Department ACP Semester I Course BP109P Course ID Cl09 Course Outcome No. Course Outcome Statements Cl09 Course ID Cl09 Course ID Cl09 Course Outcome No. Course Outcome Statements Cl09 Course ID Cl09 Course ID Cl09 Course Outcome No. Course Outcome Statements Cl0			С							
C107.2 Locate and identify anatomical structures C107.3 Demonstrate competency in blood parameters- recording observations, and analyzing data Department ACP Semester I Course BP108P Course ID C108 Course Title Pharmaceutical Analysis - Practical C108 Course Title Course Outcome Statements C108.1 Carry out the preparation and standardization of various molar and normal solutions Solutions C108.2 C108.2 Perform various types of titrations such as precipitation, complexometry, redox titrations including cerimetry, iodimetry, iodometry, bromatometry, adichrometry and gravimetric analysis Determine the analyte by electro-analytical methods such as conductometry and potentiometry Department ACP Semester I Course BP109P Course ID C109 Course Title Pharmaceutics I - Practical Code Code Course ID C109 Course Outcome No. Course Outcome Statements Course UD Clog Code Course Outcome No. Course Outcome Statements Code Pharmaceutics I - Practical Course Outcome No. Course Outcome for handling the prescription										
C107.3 Locate and identify anatomical structures C107.3 Demonstrate competency in blood parameters- recording observations, and analyzing data Department ACP Semester 1 Course BP108P Course ID C108 Course Title Pharmaceutical Analysis- Practical Course Totos Course Totos Course Totos Course Totos C108.1 Carry out the preparation and standardization of various molar and normal solutions Course totos course totos course totos C108.2 Perform various types of titrations such as precipitation, complexometry, redox titrations including cerimetry, iodimetry, iodometry, bromatometry and gravimetric analysis Course totos Course totos course totos analyte by electro-analytical methods such as conductometry and potentiometry Department ACP Semester 1 Course BP109P Course ID C109 Course Outcome No. Course Outcome Statements Course UD C109 Course UD C109 C109.1 Outline the history of the profession of pharmacy; the development of the IP and introduction about BP, USP and Extra pharmaceoptica, various dosage forms, parts and procedure for handling the prescription Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolids C109.1	C107.1		Describe the	disti	nguishing f	eatures of ea	ch of the four ty	pes of tissue		
C107.3 Demonstrate competency in blood parameters- recording observations, and analyzing data Department ACP Semester 1 Course BP108P Course ID C108 Course Title Pharmaceutical Analysis- Practical Course Outcome No. Course Outcome Statements C108 C108.1 Carry out the preparation and standardization of various molar and normal solutions Carry out the preparation and standardization, complexometry, redox titrations including cerimetry, iodimetry, iodometry, dichrometry and partitions C108.3 Determine the analyte by electro-analytical methods such as conductometry and potentiometry Department ACP Semester 1 Course BP109P Course ID C109 Course Title Perform various types of the profession of pharmacy; the development of the IP and introduction about BP, USP and Extra pharmacopoeia, various dosage forms, parts and procedure for handling the prescription C109.2 C109.2 Interpret the calculations, such as powders, monophasic, biphasic liquids and different types of semisolid dosage forms such as suppositories, ointments, pastes, creams and gels Department ACP Semester 1 Course BP100P Course ID C109 Carry Outline the history of the profession of ph	C107.2						•	•		
DepartmentACPSemester1Course CodeBP108PCourse IDC108Course Outcome No.Course Outcome StatementsC108.1Carry out the preparation and standardization of various molar and normal solutionsC108.2Perform various types of titrations such as precipitation, complexometry, redox titrations including cerimetry, iodimetry, iodometry, dichrometry and gravimetric analysisC108.3Determine the analyte by electro-analytical methods such as conductometry and potentiometryDepartmentACPSemester1Course CodeParamaceutics I- PracticalCourse Outcome No.Course Outcome StatementsC109.1Outline the history of the profession of pharmacy; the development of the IP and introduction about BP, USP and Extra pharmacopoeia, various dosage forms, parts and procedure for handling the prescriptionC109.3Formulate pharmaceutical preparations such as powders, monophasic liquids, biphasic liquids and different types of semisolid dosage forms such as suppositories, ointments, pastes, creams and gelsDepartmentACPSemester1Course CodeC109.3Formulate pharmaceutical Inorganic Chemistry- Practical Course Outcome No.Course Outcome StatementsC109.1Identify small quantities of impurity present in the sample and compare with the standardC109.3Formulate pharmaceutical Inorganic Chemistry- PracticalCourse Outcome No.Course Outcome StatementsC109.3Formulate pharmaceutical Inorganic Chemistry- PracticalCourse Outcome No.Course BP110P <td< th=""><th>C107.3</th><th></th><th>Demonstrate</th><th>con</th><th>petency in</th><th>blood para</th><th>meters- recordin</th><th>ng observations,</th></td<>	C107.3		Demonstrate	con	petency in	blood para	meters- recordin	ng observations,		
Course Title Course Outcome No. Course Outcome No. Course Outcome Statements C108.1 Carry out the preparation and standardization of various molar and normal solutions C108.2 Perform various types of titrations such as precipitation, complexometry, redox titrations including cerimetry, iodimetry, iodometry, dichrometry and gravimetric analysis C108.3 Determine the analyte by electro-analytical methods such as conductometry and potentiometry Department ACP Semester 1 Course Course Outcome No. Course Outcome Statements C109.1 Outline the history of the profession of pharmacy; the development of the IP and introduction about BP, USP and Extra pharmacopoeia, various dosage forms, parts and procedure for handling the prescription C109.2 Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolids C109.3 Formulate pharmaceutical preparations such as powders, monophasic liquids and semisolids C109.3 Formulate Inorganic Chemistry- Practical Outcome No. Course Outcome Statements C109.3 Formulate pharmaceutical preparations such as powders, monophasic, biphasic liquids and semisolids C109.2 Interpret the calculations, such as powders, monophasic, biphasic liquids and different types of semisolid dosage forms s			and analyzii	ng da	ata	-		-		
Course Title Pharmaceutical Analysis- Practical Course Outcome No. Course Outcome Statements C108.1 Carry out the preparation and standardization of various molar and normal solutions C108.2 Perform various types of titrations such as precipitation, complexometry, redox titrations including cerimetry, iodimetry, iodometry, dichrometry and gravimetric analysis C108.3 Determine the analyte by electro-analytical methods such as conductometry and potentiometry Department ACP Semester 1 Course BP109P Course ID C109 Course Outcome No. Course Outcome Statements Course Outcome Statements C109 C109 C109.1 Outline the history of the profession of pharmacey; the development of the P and introduction about BP, USP and Extra pharmaceopocia, various dosage forms, parts and procedure for handling the prescription Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolids C109.3 Formulate pharmaceutical preparations such as powders, monophasic, liquids, biphasic liquids and different types of semisolid dosage forms such as suppositories, ointments, pastes, creams and gels Department ACP Semester 1 Course Ourse BP10P Course ID C110 Course Outcome No. Course Ourse BP10P Cou	Department		•			BP108P	Course ID	C108		
Course Outcome No. Course Outcome Statements C108.1 Carry out the preparation and standardization of various molar and normal solutions C108.2 Perform various types of titrations such as precipitation, complexometry, redox titrations including cerimetry, iodimetry, iodometry, bromatometry, dichrometry and gravimetric analysis C108.3 Determine the analyte by electro-analytical methods such as conductometry and potentiometry Department ACP Semester 1 Course Determine the analyte by electro-analytical methods such as conductometry and potentiometry Department ACP Semester 1 Course Determine the analyte by electro-analytical methods such as conductometry and potentiometry Department ACP Semester 1 Course Determine the analyte by electro-analytical methods such as conductometry and potentiometry Outcome No. Course Determine the analyte by electro-analytical methods such as conductometry and potentiometry C109.1 Outline the history of the profession of pharmacy; the development of the IP and introduction about BP, USP and Extra pharmacopoeia, various dosage forms, parts and procedure for handling the prescription C109.2 Interpret the calculations, such as powders, monophasic, biphasic liquids, and semisolids C109.3 Formulate pharmaceutical p					Code					
C108.1 Carry out the preparation and standardization of various molar and normal solutions C108.2 Perform various types of titrations such as precipitation, complexometry, redox titrations including cerimetry, iodimetry, iodometry, bromatometry, dichrometry and gravimetric analysis C108.3 Determine the analyte by electro-analytical methods such as conductometry and potentiometry Department ACP Semester 1 Course BP109P Course ID C109 Course Outcome No. Course Outcome Statements Environmetry, the development of the IP and introduction about BP, USP and Extra pharmacopoeia, various dosage forms, parts and procedure for handling the prescription C109.1 Outline the history of the profession of pharmacy; the development of the IP and introduction about BP, USP and Extra pharmacopoeia, various dosage forms, parts and procedure for handling the prescription C109.1 Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolids C109.3 Formulate pharmaceutical preparations such as powders, monophasic liquids, biphasic liquids and different types of semisolid dosage forms such as suppositories, ointments, pastes, creams and gels Department ACP Semester 1 Course D110 C110 Course Outcome No. Course Outcome Statements C109.1 C110 C109.2 Interpret He calculations, such as powders, mon	Course Titl	e			Pharmac	eutical Anal	ysis- Practical	·		
normal solutions C108.2 Perform various types of titrations such as precipitation, complexometry, redox titrations including cerimetry, iodimetry, iodometry, bromatometry, dichrometry and gravimetric analysis C108.3 Determine the analyte by electro-analytical methods such as conductometry and potentiometry Department ACP Course Title Course Outcome try Course Outcome No. Course Outcome Statements Course Outcome No. Course Outcome Statements Clo9.1 Outline the history of the profession of pharmacy; the development of the IP and introduction about BP, USP and Extra pharmacopoeia, various dosage forms, parts and procedure for handling the prescription Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolids C109.3 Formulate pharmaceutical preparations such as powders, monophasic liquids, biphasic liquids and different types of semisolid dosage forms such as suppositories, ointments, pastes, creams and gels Department ACP Semester 1 Course BP10P Course ID C110 Course Outcome No. <td c<="" th=""><th>Course Outcome</th><th>No.</th><th>C</th><th>ours</th><th>e Outcome</th><th>Statements</th><th></th><th></th></td>	<th>Course Outcome</th> <th>No.</th> <th>C</th> <th>ours</th> <th>e Outcome</th> <th>Statements</th> <th></th> <th></th>	Course Outcome	No.	C	ours	e Outcome	Statements			
normal solutions C108.2 Perform various types of titrations such as precipitation, complexometry, redox titrations including cerimetry, iodimetry, iodometry, bromatometry, dichrometry and gravimetric analysis C108.3 Determine the analyte by electro-analytical methods such as conductometry and potentiometry Department ACP Course Title Course Outcome try Course Outcome No. Course Outcome Statements Course Outcome No. Course Outcome Statements Clo9.1 Outline the history of the profession of pharmacy; the development of the IP and introduction about BP, USP and Extra pharmacopoeia, various dosage forms, parts and procedure for handling the prescription Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolids C109.3 Formulate pharmaceutical preparations such as powders, monophasic liquids, biphasic liquids and different types of semisolid dosage forms such as suppositories, ointments, pastes, creams and gels Department ACP Semester 1 Course BP10P Course ID C110 Course Outcome No. <td c<="" th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td>	<th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>									
solutions C108.2 Perform various types of titrations such as precipitation, complexometry, redox titrations including cerimetry, iodimetry, iodometry, dichrometry and gravimetric analysis C108.3 Determine the analyte by electro-analytical methods such as conductometry and potentiometry Department ACP Semester 1 Course BP109P Course ID C109 Course Title Course Outcome Statements Course Outcome No. Course Outcome Statements Outline the history of the profession of pharmacy; the development of the IP and introduction about BP. USP and Extra pharmacopoeia, various dosage forms, parts and procedure for handling the prescription Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolids Curse BP110P Course ID C110 Course BP110P Course ID Curse Outcome Statements Semester 1 Course Curse DP10P Course ID C109.2 Interpret the calculations, such as powders, monophasic, biphasic liquids	C108.1		Carry out the	he p	reparation	and standar	dization of var	ious molar and		
C108.2 Perform various types of titrations such as precipitation, complexometry, redox titrations including cerimetry, iodimetry, iodometry, dichrometry and gravimetric analysis C108.3 Determine the analyte by electro-analytical methods such as conductometry and potentiometry Department ACP Semester 1 Course BP109P Course ID C109 Course Title Pharmaceutics I - Practical Course Outcome Statements C109 Course out and semisolids C109.1 Outline the history of the profession of pharmacy; the development of the IP and introduction about BP, USP and Extra pharmacopoeia, various dosage forms, parts and procedure for handling the prescription C109.2 Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolids BP110P Course ID C110 Course Outcome No. Semester 1 Course could if ferent types of semisolid dosage forms such as suppositories, ointments, pastes, creams and gels Department ACP Semester 1 Course BP110P Course ID C110 Course Outcome No. Course Outcome Statements C110 Course outcome Statements C110 Course Course Title Pharmaceutical Inorganic Chemistry- Practical Course of semisolid dosage forms such as suppositories, ointments, pastes, creams and gels C110 <th></th> <th></th> <th>normal</th> <th></th> <th></th> <th></th> <th></th> <th></th>			normal							
redox titrations including cerimetry, iodimetry, iodimetry, bromatometry, and gravimetric analysis C108.3 Determine the analyte by electro-analytical methods such as conductometry and potentiometry Department ACP Semester 1 Course BP109P Course ID C109 Course Title Pharmaceutics I- Practical Course Outcome No. Course Outcome Statements Clo9.1 Outline the history of the profession of pharmacy; the development of the IP and introduction about BP, USP and Extra pharmacopocia, various dosage forms, parts and procedure for handling the prescription C109.2 Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolids Course Outcome Statements C109.2 Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolids C109.3 Formulate pharmaceutical preparations such as powders, monophasic, biphasic liquids, biphasic liquids and different types of semisolid dosage forms such as suppositories, ointments, pastes, creams and gels Department ACP Semester 1 Course D C110										
bromatometry, dichrometry and gravimetric analysis C108.3 Determine the analyte by electro-analytical methods such as conductometry and potentiometry Department ACP Semester 1 Course Course BP109P Course ID C109 Department ACP Semester 1 Course Code BP109P Course ID C109 Course Outcome No. Course Outcome Statements Pharmaceutics I - Practical C109.1 Outline the history of the profession of pharmacy; the development of the IP and introduction about BP, USP and Extra pharmacopoeia, various dosage forms, parts and procedure for handling the prescription C109.2 Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolids Such as powders, monophasic, biphasic liquids and semisolids C109.3 Formulate pharmaceutical preparations such as powders, monophasic liquids, biphasic liquids and different types of semisolid dosage forms such as suppositories, ointments, pastes, creams and gels Department ACP Semester 1 Course Course D1 C110 Course Outcome No. Course Outcome Statements D C110 Department ACP Semester 1 Course D2 D10P Course ID C110 Course Outcome No.	C108.2		Perform vari	ous	types of titi	ations such a	as precipitation,	complexometry,		
dichrometry and gravimetric analysis C108.3 Determine the analyte by electro-analytical methods such as conductometry and potentiometry Department ACP Semester 1 Course BP109P Course ID C109 Course Title Pharmaceutics I- Practical Course Outcome Statements Course Outcome Statements Course Outcome Statements C109.1 Outline the history of the profession of pharmacey; the development of the IP and introduction about BP, USP and Extra pharmacopoeia, various dosage forms, parts and procedure for handling the prescription Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolids C109.2 Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolids BP10P Course ID C110 Department ACP Semester 1 Course BP10P Course ID C110 C109.3 Formulate pharmaceutical preparations such as powders, monophasic, biphasic liquids and semisolids BP10P Course ID C110 Department ACP Semester 1 Course BP10P Course ID C110 Course Outcome No. Course Outcome Statements Parmaceutical Inorganic Chemistry- Practical Course ID C110 Course Outcome N										
C108.3 Determine the analyte by electro-analytical methods such as Department ACP Semester 1 Course Code BP109P Course ID C109 Course Title Pharmaceutics I- Practical Course ID C109 C109 Course Outcome No. Course Outcome Statements Pharmaceutics I- Practical C109.1 Outline the history of the profession of pharmacy; the development of the IP and introduction about BP, USP and Extra pharmacopocia, various dosage forms, parts and procedure for handling the prescription C109.2 Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolids Such as suppositories, ointments, pastes, creams and gels Department ACP Semester 1 Course BP10P Course ID C110 Course Title Pharmaceutical Inorganic Chemistry- Practical Course ID C110 C110 Course Outcome Statements Course Outcome No. Course Outcome Statements Course ID C110 C110 Course Title Pharmaceutical Inorganic Chemistry- Practical Course ID C110 Course Outcome No. Course Outcome Statements C110 C110 Rel										
conductometry and potentiometryDepartmentACPSemester1Course CodeBP109PCourse IDC109Course TitlePharmaceutics I- PracticalCourse Outcome No.Course Outcome StatementsC109.1Outline the history of the profession of pharmacy; the development of the IP and introduction about BP, USP and Extra pharmacopoeia, various dosage forms, parts and procedure for handling the prescriptionC109.2Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolidsFormulate pharmaceutical preparations such as powders, monophasic liquids, biphasic liquids and different types of semisolid dosage forms such as suppositories, ointments, pastes, creams and gelsC110DepartmentACPSemester1Course CodeBP110PCourse IDC110Course Outcome No.Course Outcome StatementsC110.1Identify small quantities of impurity present in the sample and compare with the standardRecognize appropriate methods and procedures to prepare certain inorganic PharmaceuticalsDepartmentACPSemester2CourseBP201TCourse IDC201										
Department Course TitleACP SemesterSemester Semester1Course CodeBP109P Course TitleCourse IDC109Course Outcome No.Course Outcome StatementsPharmaceutics I - Practical </th <th>C108.3</th> <th></th> <th colspan="7"></th>	C108.3									
Course Title Code Course Outcome No. Course Outcome Statements C109.1 Outline the history of the profession of pharmacy; the development of the IP and introduction about BP, USP and Extra pharmacopoeia, various dosage forms, parts and procedure for handling the prescription C109.2 Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolids Formulate pharmaceutical preparations such as powders, monophasic liquids, biphasic liquids and different types of semisolid dosage forms such as suppositories, ointments, pastes, creams and gels Department ACP Semester 1 Course BP10P Course ID C110 Course Outcome No. Course Outcome Statements Relate purity of inorganic Chemistry- Practical Course Outcome No. Course Outcome Statements BP10P Course ID C110 Course Outcome No. Course Outcome Statements Relate purity of inorganic Chemistry- Practical C110.1 Identify small quantities of impurity present in the sample and compare with the standard Relate purity of inorganic pharmaceuticals by performing tests for purity and identification test C110.2 Relate purity of inorganic pharmaceuticals BP201T Course ID C201 Department ACP Semester 2 Course										
Course Title Pharmaceutics I - Practical Course Outcome No. Course Outcome Statements C109.1 Outline the history of the profession of pharmacy; the development of the IP and introduction about BP, USP and Extra pharmacopoeia, various dosage forms, parts and procedure for handling the prescription C109.2 Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolids Formulate pharmaceutical preparations such as powders, monophasic liquids, biphasic liquids and different types of semisolid dosage forms such as suppositories, ointments, pastes, creams and gels Department ACP Semester 1 Course BP110P Course ID C110 Course Outcome No. Course Outcome Statements Relatements Relatements Relatements Department ACP Semester 1 Course BP110P Course ID C110 Course Outcome No. Course Outcome Statements Relatements Relatements Relatements Relatements C110.1 Identify small quantities of impurity present in the sample and compare with the standard Relate purity of inorganic pharmaceuticals by performing tests for purity and identification test Recognize appropriate methods and procedures to prepare certain inorganic Pharmaceuticals Department ACP Semester 2 Course BP201T<	Department	ACP	Semester	1		BP109P	Course ID	C109		
C109.1 Outline the history of the profession of pharmacy; the development of the IP and introduction about BP, USP and Extra pharmacopoeia, various dosage forms, parts and procedure for handling the prescription C109.2 Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolids C109.3 Formulate pharmaceutical preparations such as powders, monophasic liquids, biphasic liquids and different types of semisolid dosage forms such as suppositories, ointments, pastes, creams and gels Department ACP Semester 1 Course BP110P Course ID C110 Course Title Pharmaceutical Inorganic Chemistry- Practical Course Outcome Statements C110.1 Identify small quantities of impurity present in the sample and compare with the standard C110.2 Relate purity of inorganic pharmaceuticals by performing tests for purity and identification test C110.3 Recognize appropriate methods and procedures to prepare certain inorganic Pharmaceuticals Department ACP Semester 2 Course BP100 Course ID C110.1 Identify small quantities of impurity present in the sample and compare with the standard C110.2 <th c<="" th=""><th>Course Titl</th><th>e</th><th></th><th></th><th>Phar</th><th>maceutics I-</th><th>Practical</th><th></th></th>	<th>Course Titl</th> <th>e</th> <th></th> <th></th> <th>Phar</th> <th>maceutics I-</th> <th>Practical</th> <th></th>	Course Titl	e			Phar	maceutics I-	Practical		
C109.1 Outline the history of the profession of pharmacy; the development of the IP and introduction about BP, USP and Extra pharmacopoeia, various dosage forms, parts and procedure for handling the prescription C109.2 Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolids C109.3 Formulate pharmaceutical preparations such as powders, monophasic liquids, biphasic liquids and different types of semisolid dosage forms such as suppositories, ointments, pastes, creams and gels Department ACP Semester 1 Course BP110P Course ID C110 Course Title Pharmaceutical Inorganic Chemistry- Practical Course Outcome Statements C110.1 Identify small quantities of impurity present in the sample and compare with the standard C110.2 Relate purity of inorganic pharmaceuticals by performing tests for purity and identification test C110.3 Recognize appropriate methods and procedures to prepare certain inorganic Pharmaceuticals Department ACP Semester 2 Course BP100 Course ID C110.1 Identify small quantities of impurity present in the sample and compare with the standard C110.2 <th c<="" th=""><th>Course Outcome</th><th>No.</th><th>C</th><th>ours</th><th>e Outcome</th><th>Statements</th><th></th><th></th></th>	<th>Course Outcome</th> <th>No.</th> <th>C</th> <th>ours</th> <th>e Outcome</th> <th>Statements</th> <th></th> <th></th>	Course Outcome	No.	C	ours	e Outcome	Statements			
IP and introduction about BP, USP and Extra pharmacopoeia, various dosage forms, parts and procedure for handling the prescriptionC109.2Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolidsFormulate pharmaceutical preparations such as powders, monophasic liquids, biphasic liquids and different types of semisolid dosage forms such as suppositories, ointments, pastes, creams and gelsDepartmentACPSemester1Course CourseBP110PCourse IDC110Course TitlePharmaceutical Inorganic Chemistry- PracticalCourse Outcome No.Course Outcome StatementsC110.1Identify small quantities of impurity present in the sample and compare with the standardRecognize appropriate methods and procedures to prepare certain inorganic PharmaceuticalsDepartmentACPSemester2Course BP201TDCurse IDC201										
dosage forms, parts and procedure for handling the prescription C109.2 Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolids C109.3 Formulate pharmaceutical preparations such as powders, monophasic liquids, biphasic liquids and different types of semisolid dosage forms such as suppositories, ointments, pastes, creams and gels Department ACP Semester 1 Course Dotoe BP110P Course ID C110 Course Title Pharmaceutical Inorganic Chemistry- Practical Course ID C110 C110 Course Outcome No. Course Outcome Statements Relate purity of inorganic pharmaceuticals by performing tests for purity and identification test Recognize appropriate methods and procedures to prepare certain inorganic Pharmaceuticals Department ACP Semester 2 Course Date Course BP201T Course ID C201	C109.1		Outline the h	istor	y of the pro	ofession of ph	harmacy; the dev	velopment of the		
C109.2Interpret the calculations, such as powders, monophasic, biphasic liquids and semisolidsC109.3Formulate pharmaceutical preparations such as powders, monophasic liquids, biphasic liquids and different types of semisolid dosage forms such as suppositories, ointments, pastes, creams and gelsDepartmentACPSemester1Course CodeBP110PCourse IDC110Course TitlePharmaceutical Inorganic Chemistry- PracticalCourse Outcome No.Course Outcome StatementsC110.1Identify small quantities of impurity present in the sample and compare with the standardC110.2Relate purity of inorganic pharmaceuticals by performing tests for purity and identification testProceedures to prepare certain inorganic PharmaceuticalsDepartmentACPSemester2Course BP201TCourse IDC201			IP and intro	lucti	on about H	BP , USP and	l Extra pharmad	copoeia, various		
Interpretation of period of			dosage forms	, par	rts and proc	edure for har	ndling the prescr	ription		
C109.3Formulate pharmaceutical preparations such as powders, monophasic liquids, biphasic liquids and different types of semisolid dosage forms such as suppositories, ointments, pastes, creams and gelsDepartmentACPSemester1Course CourseBP110PCourse IDC110Course TitlePharmaceutical Inorganic Chemistry- PracticalCourse Outcome No.Course Outcome StatementsC110.1Identify small quantities of impurity present in the sample and compare with the standardC110.2Relate purity of inorganic pharmaceuticals by performing tests for purity and identification testC110.3Recognize appropriate methods and procedures to prepare certain inorganic PharmaceuticalsDepartmentACPSemester2Course CourseDepartmentACPSemester2Course CourseBP201TCourse IDC201	C109.2				ulations, su	ch as powder	rs, monophasic,	biphasic liquids		
liquids, biphasicliquids and different types of semisolid dosage forms such as suppositories, ointments, pastes, creams and gelsDepartmentACPSemester1Course CodeBP110PCourse IDC110Course TitlePharmaceutical Inorganic Chemistry- PracticalCourse Outcome No.Course Outcome StatementsC110.1Identify small quantities of impurity present in the sample and compare with the standardC110.2Relate purity of inorganic pharmaceuticals by performing tests for purity and identification testC110.3Recognize appropriate methods and procedures to prepare certain inorganic PharmaceuticalsDepartmentACPSemester2Course DepartmentACPSemester2Course CourseBP201TCourse IDC201										
such as suppositories, ointments, pastes, creams and gelsDepartmentACPSemester1Course CourseBP110PCourse IDC110Course TitlePharmaceutical Inorganic Chemistry- PracticalCourse OutcomeNo.Course Outcome StatementsCourse Outcome No.Course Outcome StatementsIdentify small quantities of impurity present in the sample and compare with the standardRelate purity of inorganic pharmaceuticals by performing tests for purity and identification testRecognize appropriate methods and procedures to prepare certain inorganic PharmaceuticalsBP201TCourse IDC201	C109.3									
DepartmentACPSemester1Course CourseBP110PCourse IDC110Course TitlePharmaceutical Inorganic Chemistry- PracticalCourse Outcome No.Course Outcome StatementsC110.1Identify small quantities of impurity present in the sample and compare with the standardC110.2Relate purity of inorganic pharmaceuticals by performing tests for purity and identification testC110.3Recognize appropriate methods and procedures to inorganic PharmaceuticalsDepartmentACPSemester2CourseCourse CodeBP201TCourse IDC201								d dosage forms		
Image: Constant of the standard state of the state of the standard state of the standard state of the standard state of the stat								G112		
Course Title Pharmaceutical Inorganic Chemistry- Practical Course Outcome No. Course Outcome Statements C110.1 Identify small quantities of impurity present in the sample and compare with the standard C110.2 Relate purity of inorganic pharmaceuticals by performing tests for purity and identification test C110.3 Recognize appropriate methods and procedures to prepare certain inorganic Pharmaceuticals Department ACP Semester 2 Course BP201T Course ID C201	Department	ACP	Semester	1		RA110h	Course ID	C110		
Course Outcome No. Course Outcome Statements C110.1 Identify small quantities of impurity present in the sample and compare with the standard C110.2 Relate purity of inorganic pharmaceuticals by performing tests for purity and identification test C110.3 Recognize appropriate methods and procedures to prepare certain inorganic Pharmaceuticals Department ACP Semester 2 Course BP201T Course ID C201	Course Titl	Δ	Phormocou	tion		Chomistry	Practical	l		
C110.1 Identify small quantities of impurity present in the sample and compare with the standard C110.2 Relate purity of inorganic pharmaceuticals by performing tests for purity and identification test C110.3 Recognize appropriate methods and procedures to prepare certain inorganic Pharmaceuticals Department ACP Semester 2 Course BP201T Course ID C201					-					
with the standard C110.2 Relate purity of inorganic pharmaceuticals by performing tests for purity and identification test C110.3 Recognize appropriate methods and procedures to prepare certain inorganic Pharmaceuticals Department ACP Semester 2 Course BP201T Course ID C201			C	ours		e Statements				
C110.2Relate purity of inorganic pharmaceuticals by performing tests for purity and identification testC110.3Recognize appropriate methods and procedures to prepare certain inorganic PharmaceuticalsDepartmentACPSemester2Course CodeBP201TCourse IDC201	C110.1		Identify smal	l qu	antities of	impurity pres	sent in the same	ole and compare		
and identification test Of the problem C110.3 Recognize appropriate methods and procedures to prepare certain inorganic Pharmaceuticals Department ACP Semester 2 Course BP201T Course ID C201			•	-				-		
and identification test C110.3 Recognize appropriate methods and procedures to prepare certain inorganic Pharmaceuticals Department ACP Semester 2 Course BP201T Course ID C201	C110.2		Relate purity	of i	norganic pł	armaceutica	ls by performing	g tests for purity		
inorganic PharmaceuticalsDepartmentACPSemester2Course CodeBP201TCourse IDC201										
inorganic Pharmaceuticals Department ACP Semester 2 Course Code BP201T Course ID C201	C110.3		Recognize appropriate methods and procedures to prepare certain							
Code			inorganic Pha	arma	ceuticals					
	Department	ACP	Semester	2		BP201T	Course ID	C201		
Course Title Human Anatomy and Physiology-II										
	Course Titl	e			Human A	natomy and	Physiology-II			



	П				u-560107	OF PHARMA	ACHARYA		
Course Outcome	No.	Course Outcome Statements							
C201.1							ure and function		
		of gross anato							
C201.2							stive, respiratory		
C201.2		and urinary s							
C201.3					ponents and	d functions of	endocrine and		
C201.4		reproductive			waaf tha ah		malan hasia		
C201.4		of inheritance				romosomai and	molecular basis		
C201.5		Understand in				tabolism			
020110			1 000		lengy and me	dubblishi			
Department	ACP	Semester	2	Course	BP202T	Course ID	C202		
_				Code					
Course Titl						ic Chemistry-I			
Course Outcome	No.	С	ours	se Outcome	Statements	5			
C202.1		Describe the			latara famain		1-		
C202.1		Describe the	IUP	AC nomenc	lature for sin	nple organic cor	npounds		
C202.2		Explain hybr	idiza	ation of s a	nd <i>p</i> orbitals	in alkanes, alk	enes and impact		
							f alkenes, alkyl		
		halides and ca				2			
C202.3		Outline the	chen	nical test f	or functiona	d group identif	fication and list		
		structure and	use	es of certain	n alkyl halid	e, alcohol, carb	oxylic acid and		
		amine derivat							
C202.4							esis of organic		
		-			y factors that	at affect acidity	and basicity of		
Department	ACP	carboxylic ac Semester	$\frac{10}{2}$	Course	BP203T	Course ID	C203		
Department	ACI	Semester	4	Code	DI 2031	Course ID	C203		
Course Tit	le	I			Biochemist	try			
Course Outcome	No.	С	ours	se Outcome	e Statements	*			
C203.1					-	• •	drate molecules		
C203.2					-	ways of amino a			
C203.3						ways of lipid mo	olecules		
C203.4		Restate the in	1			etabolism			
C203.5		Describe the		<u> </u>			1 1 2 1 2 2 2 2 1 2 2 1		
C203.6		-					d biological role		
C203.7						no acids and pro cules within orga			
C203.8							, regulation and		
		their application		inumbin of	enzymes, e		, regulation and		
Department	ACP		2	Course	BP204T	Course ID	C204		
•				Code					
Course Titl					Pathophysio				
Course Outco	ome	C	ours	se Outcome	Statements	;			
No.		TT 1 4 1-1	,			0 1	T Cl		
C204.1							on, Inflammation		
C204.2							ism in the body		
C204.2							agnostic test to tem, Respiratory		
		system, Rena				-	iem, respiratory		
L		System, Rona	y	, 11acili	acorogrour sy				



Bengaluru-560107

				Bengalui	ru-560107		ACHARYA		
C204.3				UI U	• •	U	test to diagnose		
					-	Vervous system,	Gastrointestinal		
		system, Bone							
C204.4							of transmission,		
		Pathophysiol	ogy,	Clinical f	eatures of i	nfectious disea	ses & Sexually		
		transmitted	dise	ases to p	ractice med	licine safely,	effectively and		
		rationally							
Department	ACP	Semester	2	Course	BP206T	Course ID	C206		
				Code					
Course Tit	-				ironmental				
Course Outcom	ie No.	C	our	se Outcome	e Statements	5			
C206.1			conc	epts, scope	and import	ance of enviror	imental science,		
		the							
						ne associated pro			
C206.2		-			ctions of for	est, land, desert,	grass land and		
~~~~		aquatic eco s	-						
C206.3		Acquire the l	know	ledge of dif	fferent biodiv	versity and its co	onservation		
		Cata i i	1.		- <b>FC</b> 4	1 41 1	1		
C206.4		U					measures about		
	1	-				, thermal and nu	· · · · · · · · · · · · · · · · · · ·		
Department	ACP	Semester	2	Course	<b>BP207P</b>	<b>Course ID</b>	C207		
Course Tit			[]	Code	ary Arad Dhay	iology II Duo	tical		
Course Outcome		Human Anatomy And Physiology-II- Practical Course Outcome Statements							
Course Outcome	NO.		our	se Outcome	e Statements	j			
C207.1		Recognize the anatomical structures and discuss the physiologi							
0207.1		functions of			suuctures	and discuss in	e physiological		
C207.2					olfactory g	ustation and eye	sight		
			/001u		ondetory, g	distation and cyc	Signi		
C207.3		Perform exp	erim	ents on neu	rological ref	lexes, vital capa	city, body mass		
		index and bo			C				
C207.4		Evaluate blo	-	-	tively				
				-	-				
Department	ACP	Semester	2	Course	<b>BP208P</b>	<b>Course ID</b>	C208		
				Code	0 1 0				
Course Tit						emistry-I- Pra	ctical		
Course Outcom	ie No.		our	se Outcome	e Statements	5			
(200 1			1	<u> </u>			. 1 .		
C208.1					or the identi	fication of func	tional groups in		
C200.2		organic comi	Perform the chemical test for the identification of functional gro organic compounds						
					1		1		
C208.2					melting poin	t of organic con	pounds		
		Determine bo	oiling	g point and					
C208.2		Determine bo Apply appro	oiling	g point and			pounds certain organic		
C208.3		Determine bo Apply appro compounds	oiling opria	g point and te synthetic	c methodolo	gy to prepare	certain organic		
		Determine bo Apply appro compounds	oiling opria	g point and te synthetic	c methodolo		certain organic		
C208.3 C208.4		Determine bo Apply appro compounds Construct sir	oiling opria nple	g point and te synthetic organic cor	c methodolo	gy to prepare g molecular mod	certain organic lel kit		
C208.3		Determine bo Apply appro compounds Construct sir	oiling opria	g point and te synthetic organic cor <b>Course</b>	c methodolo	gy to prepare	certain organic		
C208.3 C208.4 Department	ACP	Determine bo Apply appro compounds Construct sir	oiling opria nple	g point and te synthetic organic con Course Code	c methodolo npound using <b>BP209P</b>	gy to prepare g molecular mod Course ID	certain organic lel kit		
C208.3 C208.4 Department Course Tit	ACP	Determine bo Apply appro compounds Construct sir <b>Semester</b>	oiling opria nple 2	g point and te synthetic organic cor Course Code Bio	c methodolo npound using BP209P chemistry- H	gy to prepare g molecular mod Course ID Practical	certain organic lel kit		
C208.3 C208.4 Department	ACP	Determine bo Apply appro compounds Construct sir <b>Semester</b>	oiling opria nple 2	g point and te synthetic organic cor Course Code Bio	c methodolo npound using <b>BP209P</b>	gy to prepare g molecular mod Course ID Practical	certain organic lel kit		
C208.3 C208.4 Department Course Titl Course Outcome	ACP e No.	Determine bo Apply appro compounds Construct sir Semester	oiling opria nple 2 Cours	g point and te synthetic organic cor Course Code Bioo se Outcome	c methodolo npound using BP209P chemistry- H e Statements	gy to prepare g molecular mod Course ID Practical	certain organic lel kit C209		
C208.3 C208.4 Department Course Tit	ACP le No.	Determine bo Apply appro compounds Construct sir Semester	oilin opria nple 2 Cours qual	g point and te synthetic organic cor Course Code Bioo se Outcome	c methodolo npound using BP209P chemistry- F e Statements antitative an	gy to prepare g molecular moc Course ID Practical alysis of carboh	certain organic lel kit C209		



Bengaluru-560107

C303.7 C303.8 Department	ACP	Assimilate th formulations Interpret the 1	e mi duri	icrobial con ng producti	on and in pro	aceutical industr				
C303.7 C303.8		Assimilate th formulations Interpret the 1	e mi duri ole	icrobial con ng producti of cell cultu	on and in pro tre in pharma	oducts aceutical industr	y & research			
C303.7		Assimilate th formulations	e mi duri	icrobial con ng producti	on and in pro	oducts				
		*	-		tamination, s	poilage of pharm	naceutical			
		pnarmaceutic	u pi	louuets						
		pharmaceutical products								
C303.6					and microbial	l assay of variou	S			
0.000.0		pharmaceutic		-		inicciants and a	insepues ill			
C303.5		cultivation of		-		infectants and a	ntisentics in			
C303.4			-			eproduction/repl	ication and			
		pharmaceutic					• .• -			
C303.3			-		zation metho	ds & study the to	ool design for			
		bacteria		• •						
C303.2		Summarize th	ne di	ifferent type	es of staining	& biochemical	tests for			
C303.1		Describe bact	teria	, bacterial c	ell biology, a	and microscopy	techniques			
					11.1.1.1	1 .				
Course Outcome		C	ours		e Statements	0.				
Course Titl	le				aceutical M	icrobiology	1			
Department	ACP	Semester	3	Course Code	BP303T	Course ID	C303			
		the determina		-			C202			
C302.4		-				fers, different n	nethods used for			
		characteristics								
C302.3		Analyze the complexation mechanism to improve formulation								
		phenomena								
C302.2		the development of pharmaceutical formulations Describe about principle and concepts of surface and interfaci								
C302.1		Discuss the concept of physicochemical properties of drugs pertaining the development of pharmaceutical formulations								
Course Outcome		C	ours		e Statements					
Course Titl	le		Physical Pharmaceutics- I							
Department	ACP	Semester	3	Course Code	BP302T	<b>Course ID</b>	C302			
Durat				-			C202			
C301.4		Account for r	react	ivity/stabili	ty of compo	unds				
C301.3		Elaborate the	pro	perties of fa	its and oils					
		_								
C301.2		Explain the c	Explain the chemical properties and uses of organic compounds							
C301.1		Describe elec	trop	hilic aroma	tic substituti	on reactions				
Course Outcome		С			e Statements					
Course Titl	le				itical Organ	ic Chemistry Ii				
Department	ACP	Semester	3	Course Code	BP301T	Course ID	C301			
						te concentration				
C209.3						nt in the given sa	mple of urine			
		and enzyme a					sample of unite			
C209.2		Investigate th	e ob	Bengalui	ru-560107	sent in the given	sample of urine			



	A	CHARYA ð					ACHARYA	
Course Outcome		ſ	our		ru-560107 e Statement	8		
NO	-	C	Juis		e Statement	5		
C304.1		Identify the s	nitał	ole equipme	ent and mate	rials required for	narticular	
		-				and disadvantag	_	
C304.2							ved in different	
0.004.2		pharmaceutic					ed in different	
C304.3						nharmaceutical	l manufacturing	
0.004.0		process	lous	processes	mvorved m	pharmaceutica	i manufacturing	
C304.4			aria	us proventi	ve methods u	used for corrosion	n control in	
0.504.4		pharmaceutic			ve memous t			
<b>Department</b> A	CP	Semester	3	Course	BP305P	Course	C305	
Department		Semester	5	Code	DI 3031	ID	0.505	
Course Title		p	 Phari		Organic Cł	nemistry Ii- Pra	ctical	
Course Outcome							ciicui	
NO		Course Outcome Statements						
C305.1		Analyze the chemistry of fats and oils						
C305.2		Prepare small organic molecules in lab scale						
C305.3						nic molecules		
	CP	Semester	3	Course	BP306P	Course	C306	
Department		Semester	5	Code	<b>DI 3001</b>	ID	0.500	
Course Title					Pharmaceu	tics I- Practical		
Course Outcome		Course Outcome Statements						
NO			Course Outcome Statements					
C306.1		Demonstrate	Demonstrate the analysis of solubility, partition coefficient and					
			dissociation constant of drug molecules					
C306.2		Examine the surface characteristics of drugs to develop a stable						
		formulation				0 1		
C306.3		Measure the	HLB	value of s	urfactants			
C306.4		Estimate the	stabi	ility constar	nt of the drug	g complexes		
<b>Department</b> A	CP	Semester	3	Course	BP307P	Course ID	C307	
				Code				
Course Title				Pharmaceu	tical Micro	biology- Practic	al	
<b>Course Outcome No.</b>				Cour	se Outcome	Statements		
C307.1		Heuristically	appı	roach the Si	imple stainin	g and Grams sta	ining procedures	
C307.2		Heuristically	appı	roach the ac	cid fast staini	ing procedures, c	ulture media	
		preparation, a			1			
C307.3							notility, sterility	
		· _	arma	ceuticals, a		cal tests of water		
<b>Department</b> A	CP	Semester	3	Course	BP308P	Course ID	C308	
				Code				
Course Title		Phe	arm	aceutical F	ngineering-	Practical		
		1 110	41 1110		ingineering-	Tactical		
Course Outcome N	Jo.	Course Outcome Statements						
		Course Outcome Statements						
C308.1		Study the various factors affecting the rate of filtration, evaporation and						
		crystallizatio	on, si	ze reductio	n and size se	paration		
		Determine radiation constant, heat transfer, moisture content, loss of						
C308.2		Determine ra	aurai	ion consta	nt, neat tra	iisiei, iiioistaie	concent, lobb on	
C308.2		Determine ra drying	aurat	ion consta	nt, neat tra			
C308.2								
C308.2 C308.3		drying and humidity	y of a	air in pharn	naceutical pr	ocess	bed dryer, freeze	



				Bengalu	ru-560107		ACHARYA			
Department	ACP	Semester	4	Course Code	BP401T	Course ID	C401			
Course Title	٩	Pha	rma	contical O	ragnic Chan	nistry III				
		Pharmaceutical Organic Chemistry III								
Course Outcome	e NO.	Course Outcome Statements								
C401.1		Explain the S	tere	o chemical	aspects and r	eactions of orga	nic compounds			
C401.2			Describe the nomenclature, synthesis and reactions of certain heterocyclic							
		Compounds			•		•			
C401.3		Discuss the n	nedio	cinal deriva	tives of certa	in heterocyclic o	compounds			
C401.4		Apply the pri compounds	ncip	oles of react	ion mechanis	m in synthesis c	of organic			
Department	ACP	Semester	4	Course	BP402T	<b>Course ID</b>	C402			
Depur thient		Semester	•	Code						
Course Title	e	Medicinal Chemistry I								
Course Outcome	e No.		Course Outcome Statements							
C402.1		Elaborate the	role	e of physico	chemical pro	perties of drugs				
C402.2		Describe met	abol	ic pathway	s of drugs					
C402.3		Explain mech	Explain mechanism of action of drugs							
C402.4		Outline chem			-	drugs				
Department	ACP	Semester	4	Course	BP403T	Course ID	C403			
				Code						
Course Title	e	Physical Pharmaceutics II								
Course Outcome	e No.			Cour	se Outcome	Statements				
<u> </u>										
C403.1		Discuss the colloidal disp		-	inetics, rheo	logy, micromer	itics, coarse and			
C403.2		Analyze the r systems	nicro	omeritics a	nd rheologica	l properties of p	harmaceutical			
C403.3			pre-1	formulatior	aspects relat	ed to colloids, s	uspensions and			
		emulsions	1		1	,	1			
C403.4		Estimate the	shelf	f life of the	formulation l	by accelerated st	ability studies			
Department	ACP	Semester	4	Course	BP404T	Course ID	C404			
_				Code						
Course Title	e			Pharmac	ology I					
	-				0108/ -					
Course Outcome	e No.			Cour	se Outcome	Statements				
C404.1		Understand the general pharmacological concepts such as scope, history,								
		pharmacokinetics and pharmacodynamics								
C404.2		Illustrate the process of drug discovery and development of new API								
C404.3		Apply the basic pharmacological knowledge to learn various drug receptors and their signaling pathways								
C404.4						drugs acting o	on the Autonomic			
					un					
		· · · · · · · · · · · · · · · · · · ·	ervous system							
C404.5		Describe the	me	echanism o	of action, pl	harmacological	actions, adverse			



Bengaluru-560107

					ru-560107		ACHARYA				
C404.6		Discuss the v	scuss the various Psychopharmacological agents and their pharmacology								
Department	ACP	Semester	4	Course Code	BP405T	Course ID	C405				
Course Titl	e	Ph	arm	acognosy	and Phytoch	emistry I	<u> </u>				
Course Outcom	e No.			Cour	se Outcome	Statements					
		A • 1	1	1 1 6		· C' 1	1.4 4 1 0				
C405.1		Acquire the knowledge of sources, classification and quality control of nerbal drugs									
C405.2				hods for C	ultivation, C	ollection, Proce	essing and storage				
		of crude drug									
C405.3		Learn the fun	ıdam	ental aspec	ets and applic	ations of plant th	issue culture				
C405.4		Elaborate d	laborate definition, classification, properties, use and test f								
						netabolites of pla					
Department	ACP	Semester	4	Course	BP406P	Course ID	C406				
-				Code							
Course Titl	P	Mo	dicir	nal Chami	stry I- Pract	ical					
Course Ind	C	IVIC	uicii		511 y 1- 1 1 act	icai					
Course Outcom	e No.	Course Outcome Statements									
C406.1		Prepare mentioned drugs/intermediates									
C406.2		Analyze percentage purity of mentioned drugs									
C406.3		Determine pa	rtitio	on coefficie	ent of drugs						
Department	ACP	Semester	4	Course	BP407P	Course ID	C407				
				Code							
Course Tit	e	Phys	ical	Pharmace	utics II- Pra	ctical					
		J									
Course Outcom	e No.			Cour	se Outcome	Statements					
C407.1		Compare the	mic	rometrics p	roperties by	various techniqu	ies				
C407.2		Measure the 1	rheo	logical prop	perties						
C407.3		Investigate th									
C407.4						by accelerated s	tability studies				
Department	ACP		4	Course	<b>BP408P</b>	Course ID	C408				
ŕ				Code							
Course Titl	e		 Pho	rmacology	- I- Practical		1				
	· ·		1 11d	imacology	1- 1 I avuval						
Course Outcom	e No.			Cour	se Outcome	Statements					
C408.1		Understand t	the la	aboratory e	auinment m	ethodology and	techniques in				
		experimental		•		ethodology and	teeninques m				
C408.2						nd Replacemen	t) principles for				
		Apply 3R (Refinement, Reduction and Replacement) principles for effective use of experimental animals as per CPCSEA guidelines									
C408.3		Demonstrate the routes of drug administration and blood withdrawal									
		techniques in rodent									
C408.4					activity of ch	olinomimetics a	and sympatholytic				
		agents in exp					•				
C408.5						lrug acting on C	NS				



					ru-560107	OF THANNA	ACHARYA			
Department	ACP	Semester	4	Course	BP409P	Course ID	C409			
				Code						
Course Titl	e	I	har	macognos	y and Phytoc	chemistry I- Pra	actical			
Course Outcom	e No.			Cour	se Outcome	Statements				
		Course Outcome Statements								
C409.1		Identify unor					C 1 1			
C409.2 C409.3						opic evaluation	of crude drugs			
C409.3		· ·	erform physical standardization of crude drug Determine the percentage purity of crude drugs							
Department	ACP		5	Course	BP501T	Course ID	C501			
- <b>·</b> p········		5 • • • • • • • • • •	Code							
Course Titl	е		Medicinal Chemistry II							
000100 110	•		1,1							
Course Outcom	e No.			Cour	se Outcome	Statements				
C501.1		Categorize pl	narm	aceutical s	ubstances bas	sed on their cher	nical structure.			
C501.2					between the	chemistry of	drugs and their			
			bharmacological activity							
C501.3		Explain the drug metabolic pathways, the adverse effects associated with hem, and the therapeutic value these drugs offer								
C501.4			Elucidate the concept of SAR and outline of the chemical synthes							
			processes involved in various classes of drugs							
Department	ACP		Semester         5         Course         BP502T         Course ID         C502							
				Code						
Course Titl	e		In	dustrial P	harmacy I					
Course Outcom	e No.			Cour	se Outcome	Statements				
C502.1		Deceribe on	nro -	formulation	factors	ired for the Forr	nulation and			
C302.1		evaluation of	-		r factors requ	ired for the Forr				
C502.2					d evaluation	of hard and so	ft gelatin capsule			
		and liquid ora	als							
C502.3			mula	ation and e	evaluation of	Pellets, Parent	teral, Ophthalmic			
C502.4		Preparations Discuss on	th	e Cosmet	in proporati	one Dhamaaa	eutical Aerosols,			
U3U2.4		Discuss on Pharmaceutic				ons, Pharmace	ulical Aefosols,			
Department	ACP		5	Course	BP503T	<b>Course ID</b>	C503			
				Code						
Course Titl	e			Pharmac	ology II		I			
<b>Course Outcom</b>	e No.			Cour	se Outcome	Statements				
C503.1		Describe drug	g rec	eptor intera	action and co	ncepts of ADMI	Ξ			
C503.2					synthesis, ac	tion and metab	olism of various			
C503.3		neurotransmi			te of vorious	types of bioseco	X7			
C503.3 C503.4				_		types of bioassay fferent drugs on				
Department	ACP		11a11 5	Course	BP504T	Course ID	<b>C504</b>			
Department	1101	Semester	5	Code	DI 3071					
Course Titl	e	Ph	arm	acognosy	and Phytoch	emistry II				
	-	11								
		C								



Dong	aluru-	5601	07
Beng	aluru-	<b>2601</b>	$\mathbf{O}$

				Bengalu	ru-560107		ACHARYA		
Course Outcom	e No.			Cour	se Outcome	Statements			
C504.1		Explain basic through vario					ndary metabolites		
C504.2		Discuss the	pha	rmacognos	y and phyto		arious secondary		
CE04.2		metabolites c	onta	ining drugs	<u>5.</u>	·· · · · · · · · · · · · · · · · · · ·	1		
C504.3		the natural co			ods of extrac	tion, isolation a	nd purification of		
C504.4					isolation es	timation and u	tilization of the		
0.504.4		phytoconstitu				uniation and d	tilization of the		
Department	ACP		5	Course	BP505T	Course ID	C505		
•				Code					
Course Titl	P	Pł	larn	nacentical	Jurispruden	C6			
	.C		141 11	laccuncar	Julispiauch				
Course Outcom	e No.			Cour	se Outcome	Statements			
C505.1							gislation in India		
							and penalties of		
						nal and toilet pro			
C505.2		_		-			n its amendment		
C505.3			Explain the various Acts and the conditions that prevailed before their inforcement governing the Pharmacy profession in India						
C505.4		enforcement governing the Pharmacy profession in India dentify with the code of professional ethics and apply the Pharmaceutica							
0505.4		-		-					
			urisprudence knowledge as stipulated by Pharmacy Council of India for solving the real-life problems						
Department	ACP	Semester 5 Course BP506P Course ID C506							
•				Code					
Course Titl	e	Ind	lustr	rial Pharm	acy I- Pract	ical			
Course Outcom	e No.			Cour	se Outcome	Statements			
C506.1		Prepare the m	nanu	facturing o	f tablets and	capsules in lab s	cale		
C506.2		Formulate an	d ev	aluate the l	iquid orals, p	arenterals, ophth	almics as well as		
		semisolid pre			1 1				
C506.3		Evaluate the j	prep	ared cosme	etic preparation	ons			
Department	ACP	Semester	5	Course	BP507P	<b>Course ID</b>	C507		
- · <b>F</b> ··· ·····		~~~~~~	-	Code					
Course Titl	0		Dhai	maaalagu	II Draatiaa				
	C		ı iidl	macology	II- Practica	L			
Course Outcom	e No.			Cour	se Outcome	Statements			
C507.1		Observe the	eff	ect of dru	igs on anin	hals using com	puter simulation		
		experiments			-	5	-		
C507.2		1	and	record the	effect of drug	g on concentration	on response curve		
		using suitable							
C507.3						ing computer s	imulation animal		
		models for its		-		<b>a</b>			
Department	ACP	Semester	5	Course Code	BP508P	Course ID	C508		
	0				A., 1 D1 (				
Course Titl	e	P.	harr	nacognosy	' And Phytoc	chemistry II- Pr	actical		



	А	CHARYA &	x BN	1 REDDY	COLLEGE	OF PHARMA	сү 📉				
	N T	Bengaluru-560107 Course Outcome Statements									
<b>Course Outcom</b>	e No.			Cour	se Outcome	Statements					
C508.1		Perform skill	fully	the macro	scopical and	microscopical a	nalysis of crude				
		drugs									
C508.2		Identify the u			~ ·						
C508.3						of phytoconstit					
Department	ACP	Semester	6	Course Code	BP601T	<b>Course ID</b>	C601				
<i>~</i>											
Course Titl	e		Me	dicinal Ch	emistry III						
Course Outcom	e No			Cour	se Outcome	Statements					
C601.1		Classify phar	mac	eutical subs	stances accor	ding to their che	emical structure				
C601.2		Evoloin the n	aatak	olio nothru	ave advarea	offacts and than	apeutic value of				
C001.2		drugs	icial	Joine paulw	ays, auveise	effects, and ther	apeutic value of				
C601.3			iffer	ent concep	ts encompass	ed in SAR studi	es and				
		combinatorial chemistry									
C601.4						e the reaction co	nditions				
D		employed in					C(02				
Department	ACP	Semester	6	Course Code	BP602T	<b>Course ID</b>	C602				
Course Titl	e			Pharmaco	ology III						
Course Outcom	e No.			Cour	se Outcome	Statements					
	0 1 10.										
C602.1							armacodynamics				
C602.2						d Gastrointestina					
C002.2							te on mechanism Fectious diseases				
C602.3		Elucidate the									
C602.4							tment in modern				
		era									
Department	ACP	Semester	6	Course Code	BP603T	<b>Course ID</b>	C603				
Course Titl	e	Herbal Drug Technology									
Course Outcom	e No.	Course Outcome Statements									
	<b>C</b> 110.										
C603.1		Recall the importance of herbs in herbal formulations, significance in good agriculture practice and standardization of Ayurvedic dosage form									
C(02.2											
C603.2		interpret the	Vita	i role of	nerbs used 1	n nutraceutical	and herbal drug				
C603.3		Apply the appropriate method for preparation of herbal formulations									
C603.4					L _ L	O & ICH guide					
Department	ACP		6	Course	BP604T	Course ID	C604				
				Code							
Course Titl	e	Biopha	rma	ceutics and	d Pharmacol	kinetics	<u> </u>				
		<b>F.14</b>									
Course Outcom	e No.			Cour	se Outcome	Statements					
C604.1		Assess the fa	ctor	s that affec	t the absorpt	ion, distribution	, metabolism and				
					-		timum utilization				

elimination of drug and apply these principles for the optimum utilization



		••		Bengalu	ru-560107	0	ACHARYA		
		of the drug in the patient							
C604.2		Explain the concepts of Bioavailability and Bioequivalence studies of drug products and their significance							
C604.3						s of IV bolus, IV	/ infusion and		
		extra vascula	ar rou	utes of adm	inistration				
C604.4						tinetics knowled	ge in the		
Department	ACP	formulation of safe and effective medicines							
<b>Department</b>	Semester	6	Course Code	BP605T	<b>Course ID</b>	C605			
Course Title		Pharmaceutical Biotechnology							
Course Outcome No.		Course Outcome Statements							
C605.1		Discuss the methods of immobilizing the enzymes & production of							
		enzymes							
C (05 )		Explain biosensors working and applications of biosensors in							
		Pharmaceutical Industries							
0003.3		Relate the benefits of amplification & manipulation of an organisms DNA and their uses in drugs							
C605.4		Categorise the different types of immunity and role of different							
		biopharmaceutical products in immune mechanism							
C605.5		Summarize the knowledge about the tools, methods, mechanisms and							
		applications of genetic engineering							
C605.6		Illustrate the knowledge of different types of fermenters and employing the							
		acquired knowledge in production of several of number of industrial products							
<b>Department</b>	ACP	Semester	6	Course	<b>BP606T</b>	Course ID	C606		
				Code					
Course Title		Quality Assurance							
Course Outcome No.		Course Outcome Statements							
C606.1		Describe various introductory aspects of quality assurance and qua management systems							
C606.2	Identify the regulatory and administrative authorities, agencies governing bodies								
C606.3		Devise cGMP, GLP, GDP and quality control test for packing materials							
C606.4		-	plain Calibration and Qualification of certain analytical equipment						
<b>Department</b>	ACP	Semester	6	Course Code	BP607P	<b>Course ID</b>	C607		
Course Title		Med	licin	al Chemist	try III- Prac	tical			
Course Outcome No.		Course Outcome Statements							
C607.1		Describe the	imn	ortongo of c	homical stru	atura and thair ir	afluance on		
C007.1	Describe the importance of chemical structure and their influence on biological activity of medicinal compounds								
C607.2	Perform the chemical synthesis of intermediates/medicinal compound					l compounds by			
		following the safety guidelines							
C607.3		Assess the purity of organic/medicinal compounds by performing							
		quantitative analysis							
C607.4	Determination of physicochemical properties and drawing the chemical structures and reactions using drug design software's								
							g the chemical		

#### **ACHARYA & BM REDDY COLLEGE OF PHARMACY** Bengaluru-560107 Department ACP Semester Course **BP608P Course ID** C608 6 Code **Course Title Pharmacology III- Practical Course Outcome No. Course Outcome Statements** C608.1 Observe the effect of drugs on animals by simulated experiments C608.2 Explain the different types of toxicity studies and regulatory guide lines C608.3 Understanding importance of data collection and analyzing it Semester Course **BP609P** Course ID Department ACP 6 C609 Code **Course Title** Herbal Drug Technology- Practical **Course Outcome Statements Course Outcome No.** C609.1 Perform the Preliminary Phytochemical Screening and monograph analysis of Herbal Crude Drug. C609.2 Detect the concentration of phytoconstituents present in the sample and calculate the alcoholic content in the formulations Formulate and evaluate the cosmetic and herbal formulation C609.3 **BP701T** Department ACP Semester 7 Course **Course ID** C701 Code Course Title **Instrumental Methods of Analysis Course Outcome No. Course Outcome Statements** C701.1 Interpret the results and data of various categories of drDetect s obtained through spectroscopic techniques C701.2 Explain the concept, instrumentation and applications of fluorimetry, flame photometry and nepheloturbidometry C701.3 Describe the techniques involved in electrophoresis C701.4 Identify and analyze the pharmaceutical drugs by various chromatographic techniques 7 **BP702T Course ID** C702 Department ACP Semester Course Code **Course Title** Industrial Pharmacy II **Course Outcome No. Course Outcome Statements** C702.1 Discuss the general considerations - including significance of personnel requirements, space requirements, raw materials, Pilot plant scale up considerations for solids, liquid orals, semi solids and relevant documentation C702.2 Describe the Technology transfer of Pharmaceutical products, includes R & D,Pilot scale up and during production of API, finished products and packaging materials Explain the Role of Regulatory affairs Department, Responsibility of C702.3 Regulatory Affairs Professionals in Investigational New Drug Application, New Drug Application, Investigational brochure, includes clinical trials Summarize about Quality management, Certifications such as QbD, Six C702.4 sigma concept, ISO, NABL, GLP and Indian Regulatory Requirements mainly CDSCO



	A		ζBΝ		ru-560107	OF PHARMA	ACHARYA		
Department	ACP	Semester	7	Course Code	BP703T	Course ID	C703		
Course Titl	e		]	Pharmacy	Practice				
Course Outcom	e No.	Course Outcome Statements							
C703.1		Pagagniza th	oir r	olog & room	onsibilitios o	a hospital phar	magist in primory		
C/03.1							macist in primary pharmacy services		
		like inventory				1 1	services		
C703.2							and to play an		
		important ro	le in	n encourag	ging rational	drug therapy	& essential drug		
~~~~		concept				<u> </u>			
C703.3							nplementation of		
		working of v					the function and		
C703.4		Establish & r							
			inune		unity pharme	ley setting			
Department	ACP	Semester	7	Course	BP704T	Course ID	C704		
-				Code					
Course Titl	e		Nove	l Drug De	livery Systen	n			
		1		i Diug De	livery system				
Course Outcom	e No.	Course Outcome Statements							
C704.1	C704.1			Describe the various approaches for development of Novel Drug Delivery					
		-		-	-	uses of differ	ent polymers in		
	developing novel drug delivery system								
C704.2	Discuss the various techniques involved in microencapsulation and								
		development and evaluation of mucosomal drug delivery system and implantable drug delivery system							
C704.3	Fabricate, design, evaluation and development of Trans dermal drug								
		delivery system , Gastroretentive drug delivery system and Naso							
	pulmonary drug delivery system								
C704.4		Discuss various approaches for the development of Targeted				Targeted Drug			
		Delivery Syst		1 4 4		1			
C704.5		(IUD's) and i			ocular form	iulations and in	trauterine devices		
Department	ACP	, ,	15 aj	Course	BP705P	Course ID	C705		
Depurement			-	Code	21.001				
Course Titl	ρ		Inc	trumontal	Methods Of	Analysis - Prac	rtical		
		Instrumental Methods Of Analysis - Practical							
Course Outcome No.		Course Outcome Statements							
C705.1		Perform quantitative analysis using different spectroscopic methods							
C705.2		Analyze sample mixtures by colorimetry techniques							
C705.3	r	Identify the drug by various chromatography techniques							
Department	ACP	Semester	8	Course	BP801T	Course ID	C801		
				Code					
Course Title		Biostatistics And Research Methodology							
Course Outcome No.		Course Outcome Statements							
C801.1		Develop the	abil	ity to appl	ly the metho	ds while worki	ng on a research		
		Develop the ability to apply the methods while working on a research project work.							
C801.2				propriate s	statistical me	ethods required	for a particular		
		research desi				_			

ACHARYA

	A	υπακί α ο	ζ DI			OF PHARMA	ACHARYA	
		Bengaluru-560107 Choose the appropriate research design and develop appropriate research						
		hypothesis for a Research project.						
C801.4			1			search studies.		
Department	ACP	Semester	8	Course Code	BP802T	Course ID	C802	
Course Titl	le	Social And Preventive Pharmacy						
Course Outcome No.		Course Outcome Statements						
C802.1		Acquire high consciousness/realization of current issues related to health						
		and pharmaceutical problems within the country and worldwide						
<u>C802.2</u>		Develop critical thinking based on current healthcare development						
C802.3		Evaluate alternative ways of solving problems related to health and						
C802.4		pharmaceutical issues Identify National health programs its objectives functioning and outcomes						
C002.4		-	onai	nearin prog				
Department	ACP	Semester	8	Course Code	BP803ET	Course ID	C803	
Course Tit	le	Pha	arma	a Marketii	ng Managem	ent	1	
Course Outcom	e No.	Course Outcome Statements						
C803.1		Describe soci	io-ps	sychologica	al characters a	affecting pharma	ceutical	
		marketing, segmentation and market rese				arch		
C803.2		Explain practical aspects of product detailing and marketing of						
	pharmaceutical products							
C803.3	Explain importance of advertisement in sales promotion and channels of distribution							
C803.4			mno	rtance of n	ricing in phar	maceutical mark	ret and how rural	
000.4		Discuss the importance of pricing in pharmaceutical market and how rural market functions						
Department	ACP		8	Course	BP804ET	Course ID	C804	
1				Code				
Course Tit	e	Pharmaceutical Regulatory Science						
Course Outcom		Course Outcome Statements						
C804.1		Describe the drug discovery and development process						
C804.2		Illustrate the approval process of IND and NDA applications						
<u>C804.3</u>		Acquire the knowledge on technical documentation of Indian drugs						
C804.4		Comprehend the procedure of clinical trials, importance of Pharmacovigilance and regulatory concepts						
Denertment		_		Course	BP805ET	Course ID	C805	
Department	ACP	Semester	8	Course	BP902F1	Course ID	605	
Course Title		Pharmacovigilance						
Course Outcome No.		Course Outcome Statements						
C805.1		Describe dictionaries, coding and terminologies used in pharmacovigilance						
C805.2		Apply drug safety evaluation in pediatrics, geriatrics, pregnancy and lactation						
C805.3		Explain the detection of new adverse drug reactions and their assessment						
C805.4		Assess Anatomical, Therapeutic and chemical classification of drugs and						
		International					-	
Department	ACP	Semester	8	Course Code	BP811ET	Course ID	C811	
	I		I				I	



	Bengaluru-560107					
Course Title	Advanced Instrumentation Techniques					
Course Outcome No.	Course Outcome Statements					
C811.1	Determine the structure of various categories of drugs by interpreting the					
	results and data obtained from a variety of analytical techniques such as					
	NMR, Mass, X-ray and thermal analytical techniques					
C811.2	Explain the calibration and validation of instruments as per ICH guidelines					
C811.3	Describe the importance and procedure involved in radio-immuno assay					
	and extraction techniques					
C811.4	Discuss the separation of pharmaceutical drugs by various hyphenated					
	techniques					