

B.Sc., PHYSICS Course structure for CBCS (2015-16 onwards)

SEM	Part	Course Title	Sub Code	Hrs/ Week	Credit	Ex Hr	Marks		Total	
							IA	EA		
I	I	Tamil	15T101	6	3	3	25	75	100	
	II	English	15H101	6	3	3	25	75	100	
	III	CC-I-Properties of Matter and Sound		15P101	4	4	3	25	75	100
		CC-II Major Practical-I		15P102L	3	-	-	-	-	-
		AC-I-Allied Mathematics-I		15P103A	5	4	3	25	75	100
		AC-II-Allied Mathematics –II		15P104A	4	4	3	25	75	100
IV	Value Education		15VED	2	1	3	-	100	100	
II	I	Tamil	15T202	6	3	3	25	75	100	
	II	English	15H202	6	3	3	25	75	100	
	III	CC-II*- Major Practical-I		15P102L	3	4	3	25	75	100
		CC-III- Mechanics		15P205	6	4	3	25	75	100
		AC-III- Allied Mathematics –III		15P206A	5	4	3	25	75	100
	IV	Environmental studies		15EVS	2	1	3	-	100	100
SKBC-I-Scientific Computing in Physics (Theory and Practice)		15XP21	2	2	3	-	100	100		
III	I	Tamil	15T303	6	3	3	25	75	100	
	II	English	15H303	6	3	3	25	75	100	
	III	CC-IV-Thermal Physics		15P307	5	4	3	25	75	100
		CC-V*- Major Practical-II		15P308L	3	-	-	-	-	-
		AC-IV-Allied Chemistry-I		15P309A	5	4	3	25	75	100
		AC-V*-Allied Chemistry Practical		15P310L	3	-	-	-	-	-
IV	SKBC-II-Electronic Components (Theory and Practice)		15XP32	2	2	3	-	100	100	
V	GENDER STUDIES		15GS	-	1	-	-	100	100	

IV	I	Tamil	15T404	6	3	3	25	75	100
	II	English	15H404	6	3	3	25	75	100
	III	CC-V*- Major Practical-II	15P308L	3	4	3	25	75	100
		CC-VI-Optics	15P411	6	4	3	25	75	100
		AC-V*-Allied Chemistry Practical	15P310L	3	4	3	25	75	100
		AC-VI- Allied Chemistry-II	15P412A	4	4	3	25	75	100
IV	SOFT SKILL	15SSC	2	2	3	-	100	100	
V	III	CC-VII-Electricity and Magnetism	15P513	5	5	3	25	75	100
		CC-VIII-Atomic and Nuclear Physics	15P514	5	5	3	25	75	100
		CC-IX-Fundamentals of Electronics	15P515	5	5	3	25	75	100
		CC-X*- Major Practical-III	15P516L	3	-	-	-	-	-
		CC-XI*- Major Practical IV	15P517L	3	-	-	-	-	-
		EC-I –C Programming and Numerical Methods	15P518	5	5	3	25	75	100
		NMEC-I – Energy Physics	15P5N	4	4	3	-	100	100
VI	III	CC-X*- Major Practical-III	15P516L	3	5	6	25	75	100
		CC-XI*- Major Practical IV	15P517L	3	5	6	25	75	100
		CC-XII-Quantum Mechanics and Relativity	15P619	6	5	3	25	75	100
		CC-XIII-Solid State Physics	15P620	6	5	3	25	75	100
		CC-XIV-Digital Electronics	15P621	6	5	3	25	75	100
		EC-II-Microprocessor and Microcontroller	15P622	6	5	3	25	75	100
	IV	Comprehensive Physics	15PC	-	4	3		100	100
V	EXTENTION ACTIVITIES	15EA		1					
		Grand total		180	140		750	2950	3800