

**PG Course Structure 2015-16**

Sem.	Course Code	Title of Course	Inst. Hours/ Week	Credits	Marks		
					Int.	Ext.	Total
I	15PP101	CC-I Mathematical Physics - I	6	5	40	60	100
	15PP102	CC-II Classical Dynamics and Special Relativity	6	5	40	60	100
	15PP103	CC-III Analog and Digital Electronics	6	5	40	60	100
	15PP104	CC-IV Instrumentation Techniques	6	5	40	60	100
	15PP205L	CC-V Practical –I General Physics and Computer Programming	3	--	--	--	--
	15PP206L	CC-VI Practical –II Electronics and Instrumentation	3	--	--	--	--
II	15PP205L	CC-V Practical –I General Physics and Computer Programming	3	4	40	60	100
	15PP206L	CC-VI Practical –II Electronics and Instrumentation	3	4	40	60	100
	15PP207	CC- VII Mathematical Physics - II	6	5	40	60	100
	15PP208	CC-VIII Electromagnetic Theory	6	5	40	60	100
	15PP209	CC-IX Quantum Mechanics	6	5	40	60	100
	15PP210	EC-I Microcontroller and Its Applications	6	4	--	100	100
III	15PP311	CC-X Statistical Mechanics	6	5	40	60	100
	15PP312	CC-XI Nuclear and Particle Physics	6	5	40	60	100
	15PP313L	CC-XII Practical – III Advanced General Physics	3	--	--	--	--
	15PP314L	CC-XIII Practical – IV Digital Electronics and Microcontroller Programming	3	--	--	--	--
	15PP315	EC-II Atomic and Molecular Physics	6	4	40	60	100
	15PP316	EC-III Crystal Growth and Thin films	6	4	40	60	100
	15PP313L	CC-XII Practical – III Advanced General Physics	3	4	40	60	100
	15PP314L	CC-XIII Practical – IV Digital	3	4	40	60	100

IV		Electronics and Microcontroller Programming					
	15PP416	CC- XIV Solid State Physics	6	4	40	60	100
	15PP417	EC-IV Electronic Communication Systems	6	4	40	60	100
	15PP418	EC- V Nano Science	6	4	40	60	100
	15PP419P	CC-XV Project*	6	5	40	60	100
				120	90	Total Marks	