

SEMESTER – V

Part	Subject Code	Subjects	Ins. Hrs Per Week	Examinations				Credits
				Dur. Hrs	CIA	ESE	Total	
III	22UPS507	Core VII : Mechanics	5	3	50	50	100	5
	22UPS508	Core VIII: Optics & Spectroscopy	5	3	50	50	100	5
	22UPS509	Core IX: Relativity and Quantum Mechanics	5	3	50	50	100	5
	22UPS5E10 / 22UPS5E11/ 22UPS5E12	Core Elective - I : Basic Electronics & Circuit Systems/ Communication Electronics/ Material Science	5	3	50	50	100	5
	22UPS513	Summer Internship or Vocational training/ Project	-	-	-	-	100	3
		Electronics Lab	3					
		Digital & Microprocessor Lab	3					
	22UPS5AL1	Advanced Learner Course - I (Optional) - Problem Solving - Self Study	-	-	50	50	100	5*
IV	22UPS5S1/ 22UPS5S2	Skill based Elective I: Mechanical measurements/Fundamentals of Bio-Physics	1	2	-	50	50	2
	22GKL501	General Knowledge & General Awareness	SS					Grade
	22HEC505	HE - (National values & SKY Yoga Practice - V)	1	2	25	25	50	1
	22VAD501	Fluency - V						Grade
Total							600	26 + 5*


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