

**SARDAR PATEL UNIVERSITY**  
**Programme & Subject: M.Sc (Earth Science)**  
**Semester: II**  
**Syllabus with Effect from: June - 2014**

Course Type	Course Code	Name Of Course	Theory/Practical	Credit	Contact Hrs/Week	Exam Duration in hrs	Component of Marks		
							Internal	External	Total
							Total/Passing	Total/Passing	Total/Passing
Core Course	PET02CES01	Synthesis and Properties of Materials	Theory	4	4	3	30/12	70/28	100/40
	PET02CES02	Instrumentation	Theory	4	4	3	30/12	70/28	100/40
	PET02CES03	Characterization Techniques	Theory	4	4	3	30/12	70/28	100/40
	PET02CES04	Experimental Methods-I	Practical	4	6	3.5	30/12	70/28	100/40
	PET02CES05	Experimental Methods-II	Practical	4	6	3.5	30/12	70/28	100/40
	PET02CES06	Comprehensive Viva	--	1	2	-	--	50/20	50/20
Elective Course	PET02EES01	Earth Materials, Surface Features and Interior Processes	Theory	4	4	3	30/12	70/28	100/40

