

SARDAR PATEL UNIVERSITY
Programme & Subject: M.Sc (Materials Science)
Semester: III
Syllabus with Effect from: June - 2013

Paper Code: PS03CMTS05	Total Credit: 4
Title Of Paper: Practical – II (List Of Experiments For M.Sc. (Materials Science))	

Unit	Description in detail	Weightage (%)
	Mechanical Properties of Material Tensile strength, Compressive strength, Impact strength, Hardness Thermal Properties of Material Thermal Gravimetric Analysis Differential Scanning Calorimetry Thermo mechanical Analysis Optical Properties Polishing of sample Microstructure Non Destructive Testing Fabrication of composite. Fiber content, Porosity Experiments can be added or deleted depending upon current advancements in Materials Science	100%

