

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

Paper Code: PS04EPST04	Total Credit: 4
Title Of Paper: Selected Topics in Industrial Chemistry	

Unit	Description in detail	Weightage (%)
I	GMP & GLP	25%
II	Green Chemistry: Principles, tools and examples of green chemistry	25%
III	Metabolism of carbohydrates, lipids and protein molecules	25%
IV	Forensic Science chemistry: Introduction, forensic chemistry, illicit drugs, forensic toxicology	25%

Basic Text & Reference Books:-

- Green Chemistry: Theory and Practice, Anastas, Warner, Oxford Univ. Press
- Forensic Science-the basics, Jay Siegal
- Good manufacturing practices for pharmaceuticals, Willing, S.H., Marce Dekker Pub., 1st edition
- Modern Organic Chemistry, Sharma & Jain, Goel Publishers

