

**SARDAR PATEL UNIVERSITY**  
**Programme: B.Sc (Industrial Chemistry)**  
**Semester: V**  
**Syllabus with effect from: June - 2013**

<b>Paper Code: US05CICH09</b>	<b>Total Credit: 2</b>
<b>Title of Paper: Laboratory</b>	

<b>Unit</b>	<b>Description in detail</b>	<b>Weightage (%)</b>
	Study of characterization of solid particles by screen analysis. , 2. Size reduction of solids using crushers and grinders and product analysis by differential analysis by cumulative analysis, 3. Study on efficiency of separation using cyclone, 4. Study of pipe fittings, pumps and flowmeter., 5. Pressure measurement in gas line with manometer., 6 Fluid flow study- Reynolds experiment, Differential pressure meter, 7. Study on filtration operation, 8. Study on working of laboratory centrifuge., 9. Study on solid liquid mixing and solid-solid mixing., 10. Study on heat transfer by conduction and convection.	<b>100%</b>

