## SARDAR PATEL UNIVERSITY Programme & Subject: M.Sc (Industrial Chemistry) Semester: III Syllabus with Effect from: June-2012

| Course Type     | Course Code | Name Of Course                                | Theory/Practical | Credit | Contact<br>Hrs/Week | Exam<br>Duration<br>in hrs | Component of Marks |                   |                   |
|-----------------|-------------|---|------------------|--------|---------------------|----------------------------|--------------------|-------------------|-------------------|
|                 |             |   |                  |        |                     |                            | Internal           | External          | Total             |
|                 |             |   |                  |        |                     |                            | Total/<br>Passing  | Total/<br>Passing | Total/<br>Passing |
| Core Course     | PS03CICH02  | Spectroscopy & Instrumental Techniques        | Theory           | 4      | 4                   | 3                          | 30                 | 70/28             | 100/40            |
|                 | PS03CICH03  | Chemical Technology - I                       | Theory           | 4      | 4                   | 3                          | 30                 | 70/28             | 100/40            |
|                 | PS03CICH04  | Practical - Synthesis Planning - I            | Practical        | 4      | 6                   | 3                          | 60                 | 140/56            | 200/80            |
|                 | PS03CICH05  | Practical - Synthesis Planning - II           | Practical        | 4      | 6                   | 3                          |                    |                   |                   |
|                 | PS03CICH06  | Comprehensive Viva Voce                       |                  | 1      |                     |                            |                    | 50/20             | 50/20             |
|                 | PS03CICH07  | Chemical Reaction Engg & Utility Engineering  | Theory           | 4      | 4                   | 3                          | 30                 | 70/28             | 100/40            |
| Elective Course | PS03EICH04  | Composites, Blends & Adhesives                | Theory           | 4      | 4                   | 3                          | 30                 | 70/28             | 100/40            |
| (Any One)       | PS03EICH05  | Processing of Oils & Fats to Utility Products | Theory           | 4      | 4                   | 3                          | 30                 | 70/28             | 100/40            |

