

SARDAR PATEL UNIVERSITY
Programme & Subject: M.Sc (Industrial Polymer Chemistry)
Semester: IV
Syllabus with Effect from: June – 2013

| 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 | PS04CIPC01 | Spectroscopy - II | Theory | 4 | Lec-3+Sem-1= 4 Hrs. | 3 | 30/12 | 70/28 | 100/40 |
| | PS04CIPC02 | Manufactures Properties and Applications of Thermoplastics | Theory | 4 | Lec-3+Sem-1= 4 Hrs. | 3 | 30/12 | 70/28 | 100/40 |
| | PS04CIPC03 | Processing of Polymers | Theory | 4 | Lec-3+Sem-1= 4 Hrs. | 3 | 30/12 | 70/28 | 100/40 |
| | PS04CIPC04 | Practical | Practical | 4 | 6 Hrs. | 7 | 30/12 | 70/28 | 100/40 |
| | PS04CIPC05 | Practical | Practical | 4 | 6 Hrs. | 7 | 30/12 | 70/28 | 100/40 |
| | PS04CIPC06 | General Viva-Voce | | | 1 | 8 Hrs. | -- | -- | 50/20 |
| Elective Course (Any One) | PS04ECHE01 | Medicinal Chemistry | Theory | 4 | Lec-3+Sem-1= 4 Hrs. | 3 | 30/12 | 70/28 | 100/40 |
| | PS04ECHE02 | Reaction Mechanism & Bioinorganic Chemistry | Theory | 4 | Lec-3+Sem-1= 4 Hrs. | 3 | 30/12 | 70/28 | 100/40 |
| | PS04ECHE03 | Selected Topics in Physical Chemistry-II | Theory | 4 | Lec-3+Sem-1= 4 Hrs. | 3 | 30/12 | 70/28 | 100/40 |
| | PS04ECHE04 | Selected Topics in Polymers | Theory | 4 | Lec-3+Sem-1= 4 Hrs. | 3 | 30/12 | 70/28 | 100/40 |
| | PS04ECHE05 | Environmental Chemistry | Theory | 4 | Lec-3+Sem-1= 4 Hrs. | 3 | 30/12 | 70/28 | 100/40 |

