



SARDAR PATEL UNIVERSITY
Programme & Subject: M.Sc. (Surface Coating Technology)
Semester: II
Structure with Effect from: June-2017



| 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 | PS02CSCT21 | Polymer Physics & Properties of Polymer | Theory | 4 | 4 | 3 | 30/10 | 70/28 | 100/40 |
| | PS02CSCT22 | Chemistry & Technology of Organic Pigments, High Performance pigments, Additives & Solvents | Theory | 4 | 4 | 3 | 30/10 | 70/28 | 100/40 |
| | PS02CSCT23 | Coating Properties & Analysis of Coating | Theory | 4 | 4 | 3 | 30/10 | 70/28 | 100/40 |
| | PS02CSCT24 | Practical: Instrumental Analysis and Analysis of Additives, Solvents & Raw material for resin | Practical | 4 | 6 | 3 | 30/10 | 70/28 | 100/40 |
| | PS02CSCT25 | Practical: Analysis of Industrial Coatings & Inks | Practical | 4 | 6 | 3 | 30/10 | 70/28 | 100/40 |
| | PS02CSCT26 | Comprehensive Viva-Voce | Practical | 1 | | | | 50/20 | 50/20 |
| Elective Course (Any one) | PS02ESCT21 | Chemical Engineering Operations | Theory | 4 | 4 | 3 | 30/10 | 70/28 | 100/40 |
| | PS02ESCT22 | Economics & Industrial Management | Theory | 4 | 4 | 3 | 30/10 | 70/28 | 100/40 |