

# Gujarat Technological University

## Subject Codes/ Teaching/Evaluation Scheme for M. Pharm.

### Semester II-(Revised from Jan-2013)

| Branch Code | Branch Name/Specialization                       | Subject                                    | Subject Code | Subject Name  | Teaching |           | Evaluation Scheme |          |           |          |
|-------------|--|--|--------------|---|----------|-----------|-------------------|----------|-----------|----------|
|             |  |  |              |   | Credits  |           | Theory            |          | Practical |          |
|             |  |  |              |   | Theory   | Practical | External          | Internal | External  | Internal |
| 00          | GENERAL  | <b>Research Methodology</b>                | 2920001      | Research Methodology  | 7        | -         | 80                | 20       | -         | -        |
| 01          | Pharm. Chemistry                                 | <b>Subject of specialization Paper III</b> | 2920101      | Advanced Organic Chemistry - II                               | 7        | 8         | 80                | 20       | 80        | 20       |
| 02          | Pharmaceutical Tech. and Pharmaceutics           |  | 2920102      | Novel Drug Delivery System Part-I                             | 7        | 8         | 80                | 20       | 80        | 20       |
| 03          | Pharmacology                                     |  | 2920103      | Pharmacometrics and Methods of biological evaluation of drugs | 7        | 8         | 80                | 20       | 80        | 20       |
| 04          | Qual. Assurance                                  |  | 2920104      | Modern Pharmaceutical analysis                                | 7        | 8         | 80                | 20       | 80        | 20       |
| 05          | Pharmacognosy                                    |  | 2920105      | Advanced Analytical Pharmacognosy                             | 7        | 8         | 80                | 20       | 80        | 20       |
| 06          | Clinical Pharmacy                                |  | 2920106      | Applied Pharmacotherapeutics - I                              | 7        | 8         | 80                | 20       | 80        | 20       |
| 07          | Pharmaceutical Analysis                          |  | 2920107      | Pharmaceutical Analysis - II                                  | 7        | 8         | 80                | 20       | 80        | 20       |
| 08          | Pharmaceutics                                    |  | 2920102      | Novel Drug Delivery System Part-I                             | 7        | 8         | 80                | 20       | 80        | 20       |
| 09          | Pharmaceutical Quality Assurance                 |  | 2920104      | Modern Pharmaceutical analysis                                | 7        | 8         | 80                | 20       | 80        | 20       |
| 10          | Pharmaceutical Technology                        |  | 2920102      | Novel Drug Delivery System Part-I                             | 7        | 8         | 80                | 20       | 80        | 20       |
| 11          | Pharmacology & Toxicology                        |  | 2920103      | Pharmacometrics and Methods of biological evaluation of drugs | 7        | 8         | 80                | 20       | 80        | 20       |
| 12          | Industrial Pharmacy                              |  | 2920108      | Industrial Pharmacy-III                                       | 7        | 8         | 80                | 20       | 80        | 20       |
| 13          | Quality Assurance Technique                      |  | 2920104      | Modern Pharmaceutical analysis                                | 7        | 8         | 80                | 20       | 80        | 20       |
| 14          | Medical Chemistry                                |  | 2920101      | Advanced Organic Chemistry - II                               | 7        | 8         | 80                | 20       | 80        | 20       |
| 15          | Quality Assurance and Pharm Regulatory Affairs   |  | 1921501      | Modern Pharmaceutical Analysis                                | 7        | 8         | 80                | 20       | 80        | 20       |
| 16          | Pharmaceutical Management and Regulatory Affairs |  | 1921601      | Regulatory Affairs-I  | 7        | 8         | 80                | 20       | 80        | 20       |
| 01          | Pharm. Chemistry                                 |  | 2920201      | Drug Design and Discovery                                     | 8        | -         | 80                | 20       | -         | -        |
| 02          | Pharmaceutical Tech. and Pharmaceutics           |  | 2920202      | Global Regulatory Requirements                                | 8        | -         | 80                | 20       | -         | -        |
| 03          | Pharmacology                                     |  | 2920203      | Pharmacotherapeutics  | 8        | -         | 80                | 20       | -         | -        |
| 04          | Qual. Assurance                                  |  | 2920204      | Regulatory Affairs and New Drug Applications                  | 8        | -         | 80                | 20       | -         | -        |

|    |  |   |         |  |   |   |    |    |   |   |
|----|--|---|---------|--|---|---|----|----|---|---|
| 05 | Pharmacognosy                                    | <b>Subject of<br/>Specialization<br/>Paper IV</b> | 2920205 | Advances in Pharmaceutical Science           | 8 | - | 80 | 20 | - | - |
| 06 | Clinical Pharmacy                                |   | 2920206 | Clinical Research and Regulatory Affairs     | 8 | - | 80 | 20 | - | - |
| 07 | Pharmaceutical Analysis-I                        |   | 2920207 | Quality Control & Quality Assurance          | 8 | - | 80 | 20 | - | - |
| 08 | Pharmaceutics                                    |   | 2920202 | Global Regulatory Requirements               | 8 | - | 80 | 20 | - | - |
| 09 | Pharmaceutical Quality Assurance                 |   | 2920204 | Regulatory Affairs and New Drug Applications | 8 | - | 80 | 20 | - | - |
| 10 | Pharmaceutical Technology                        |   | 2920202 | Global Regulatory Requirements               | 8 | - | 80 | 20 | - | - |
| 11 | Pharmacology & Toxicology                        |   | 2920203 | Pharmacotherapeutics                         | 8 | - | 80 | 20 | - | - |
| 12 | Industrial Pharmacy                              |   | 2920208 | Industrial Pharmacy-IV                       | 8 | - | 80 | 20 | - | - |
| 13 | Quality Assurance Technique                      |   | 2920204 | Regulatory Affairs and New Drug Applications | 8 | - | 80 | 20 | - | - |
| 14 | Medical Chemistry                                |   | 2920201 | Drug Design and Discovery                    | 8 | - | 80 | 20 | - | - |
| 15 | Quality Assurance and Pharm Regulatory Affairs   |   | 1921502 | GMP, GLP and Validation                      | 8 | - | 80 | 20 | - | - |
| 16 | Pharmaceutical Management and Regulatory Affairs |   | 1921602 | Pharm Management-II                          | 8 | - | 80 | 20 | - | - |