

GUJARAT TECHNOLOGICAL UNIVERSITY
Subject Codes/Teaching/Examination Scheme for M.Pharm.

SEMESTER - II

(W.e.f -Jan 2012)

| Branch code | Branch Name / Specialization | Subject | Subject Code | Subject Name | Teaching Scheme | | Evaluation Scheme | | | | TOTAL |
|-------------|--|--|--------------|---|-----------------|-----------|-------------------|----------|-----------|----------|-------|
| | | | | | Credits | | Theory | | Practical | | |
| | | | | | Theory | Practical | External | Internal | External | Internal | |
| 00 | General | Research Methodology | 2920001 | Research Methodology | 7 | - | 80 | 20 | -- | -- | 100 |
| 01 | Pharm. Chemistry | Subject of specialization Paper III | 2920101 | Advanced Organic Chemistry - II | 7 | 8 | 80 | 20 | 80 | 20 | 200 |
| 02 | Pharmaceutical Tech. and Pharmaceutics | | 2920102 | Novel Drug Delivery System Part-I | 7 | 8 | 80 | 20 | 80 | 20 | 200 |
| 03 | Pharmacology | | 2920103 | Pharmacometrics and Methods of biological evaluation of drugs | 7 | 8 | 80 | 20 | 80 | 20 | 200 |
| 04 | Qual. Assurance | | 2920104 | Modern Pharmaceutical analysis | 7 | 8 | 80 | 20 | 80 | 20 | 200 |
| 05 | Pharmacognosy | | 2920105 | Advanced Analytical Pharmacognosy | 7 | 8 | 80 | 20 | 80 | 20 | 200 |
| 06 | Clinical Pharmacy | | 2920106 | Applied Pharmacotherapeutics- I | 7 | 8 | 80 | 20 | 80 | 20 | 200 |
| 07 | Pharmaceutical Analysis | | 2920107 | Pharmaceutical Analysis - II | 7 | 8 | 80 | 20 | 80 | 20 | 200 |
| 08 | Pharmaceutics | | 2920102 | Novel Drug Delivery System Part-I | 7 | 8 | 80 | 20 | 80 | 20 | 200 |
| 09 | Pharmaceutical Quality Assurance | | 2920104 | Modern Pharmaceutical analysis | 7 | 8 | 80 | 20 | 80 | 20 | 200 |
| 10 | Pharmaceutical Technology | | 2920102 | Novel Drug Delivery System Part-I | 7 | 8 | 80 | 20 | 80 | 20 | 200 |

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|----|--|------------------------------------|---------|---|---|----|----|----|----|----|-----|
| 11 | Pharmacology & Toxicology | | 2920103 | Pharmacometrics and Methods of biological evaluation of drugs | 7 | 8 | 80 | 20 | 80 | 20 | 200 |
| 12 | Industrial Pharmacy | | 2920108 | Industrial Pharmacy-III | 7 | 8 | 80 | 20 | 80 | 20 | 200 |
| 13 | Quality Assurance Technique | | 2920104 | Modern Pharmaceutical analysis | 7 | 8 | 80 | 20 | 80 | 20 | 200 |
| 14 | Medical Chemistry / Pharmaceutical Chemistry | | 2920101 | Advanced Organic Chemistry - II | 7 | 8 | 80 | 20 | 80 | 20 | 200 |
| | | | | | | | | | | | |
| 01 | Pharm. Chemistry | Subject of specialization Paper IV | 2920201 | Drug Design and Discovery | 8 | -- | 80 | 20 | -- | -- | 100 |
| 02 | Pharmaceutical Tech. and Pharmaceutics | | 2920202 | Global Regulatory Requirements | 8 | -- | 80 | 20 | -- | -- | 100 |
| 03 | Pharmacology | | 2920203 | Pharmacotherapeutics | 8 | -- | 80 | 20 | -- | -- | 100 |
| 04 | Qual. Assurance | | 2920204 | Regulatory Affairs and New Drug Applications | 8 | -- | 80 | 20 | -- | -- | 100 |
| 05 | Pharmacognosy | | 2920205 | Advances in Pharmaceutical Science | 8 | -- | 80 | 20 | -- | -- | 100 |
| 06 | Clinical Pharmacy | | 2920206 | Clinical Research and Regulatory Affairs | 8 | -- | 80 | 20 | -- | -- | 100 |
| 07 | Pharmaceutical Analysis | | 2920207 | Quality Control & Quality Assurance | 8 | -- | 80 | 20 | -- | -- | 100 |
| 08 | Pharmaceutics | | 2920202 | Global Regulatory Requirements | 8 | -- | 80 | 20 | -- | -- | 100 |
| 09 | Pharmaceutical Quality Assurance | | 2920204 | Regulatory Affairs and New Drug Applications | 8 | -- | 80 | 20 | -- | -- | 100 |
| 10 | Pharmaceutical Technology | | 2920202 | Global Regulatory Requirements | 8 | -- | 80 | 20 | -- | -- | 100 |
| 11 | Pharmacology & Toxicology | | 2920203 | Pharmacotherapeutics | 8 | -- | 80 | 20 | -- | -- | 100 |
| 12 | Industrial Pharmacy | | 2920208 | Industrial Pharmacy-IV | 8 | -- | 80 | 20 | -- | -- | 100 |
| 13 | Quality Assurance Technique | | 2920204 | Regulatory Affairs and New Drug Applications | 8 | -- | 80 | 20 | -- | -- | 100 |
| 14 | Medical Chemistry | | 2920201 | Drug Design and Discovery | 8 | -- | 80 | 20 | -- | -- | 100 |