

# Gujarat Technological University

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

### Semester I-(Revised from July-2012)

Branch Code	Branch Name/Specialization	Subject	Subject Code	Subject Name	Teaching Scheme		Evaluation Scheme			
					Credits		Theory		Practical	
					Theory	Practical	External	Internal	External	Internal
00	GENERAL	<b>Modern Analytical Techniques</b>	910001	Modern Analytical Techniques	6	6	80	20	80	20
01	Pharm. Chemistry	<b>Subject of specialization Paper I</b>	910101	Advance Organic Chemistry -	6	6	80	20	80	20
02	Pharmaceutical Tech. and Pharmaceutics		910102	Pharmaceutical Formulation Development & Biopharmaceutics	6	6	80	20	80	20
03	Pharmacology		910103	Cellular and Molecular pharmacology	6	6	80	20	80	20
04	Qual. Assurance		910104	Biological Evaluations and Clinical Research	6	6	80	20	80	20
05	Pharmacognosy		910105	Chemistry of Medicinal Natural Products	6	6	80	20	80	20
06	Clinical Pharmacy		910106	Clinical Pharmacy Practice	6	6	80	20	80	20
07	Pharmaceutical Analysis		910107	Pharmaceutical Analysis-I	6	6	80	20	80	20
08	Pharmaceutics		910102	Pharmaceutical Formulation Development & Biopharmaceutics	6	6	80	20	80	20
09	Pharmaceutical Quality Assurance		910104	Biological Evaluations and Clinical Research	6	6	80	20	80	20
10	Pharmaceutical Technology		910102	Pharmaceutical Formulation Development & Biopharmaceutics	6	6	80	20	80	20
11	Pharmacology & Toxicology		910103	Cellular and Molecular pharmacology	6	6	80	20	80	20
12	Industrial Pharmacy		910108	Industrial Pharmacy-I	6	6	80	20	80	20
13	Quality Assurance Technique		910104	Biological Evaluations and Clinical Research	6	6	80	20	80	20
14	Medical Chemistry		910101	Advance Organic Chemistry - I	6	6	80	20	80	20
15	Quality Assurance and Pharm Regulatory Affairs		910104	Biological Evaluations and Clinical Research	6	6	80	20	80	20

16	Pharmaceutical Management and Regulatory Affairs		1911601	cGMP and Documentation	6	6	80	20	80	20
<b>Subject of Specialization Paper II</b>										
01	Pharm. Chemistry		910201	Chemistry of natural Products	6	0	80	20	-	-
02	Pharmaceutical Tech. and Pharmaceutics		910202	Industrial Pharmacy Practice	6	0	80	20	-	-
03	Pharmacology		910203	Advances in Pharmacology	6	0	80	20	-	-
04	Qual. Assurance		910204	Good manufacturing and Good Laboratory Practice	6	0	80	20	-	-
05	Pharmacognosy		910205	biotechnology and Cultivation of Medical Plants	6	0	80	20	-	-
06	Clinical Pharmacy		910206	Clinical and Hospital Pharmacy	6	0	80	20	-	-
07	Pharmaceutical Analysis-I		910207	Advanced Spectroscopic Techniques	6	0	80	20	-	-
08	Pharmaceutics		910202	Industrial Pharmacy Practice	6	0	80	20	-	-
09	Pharmaceutical Quality Assurance		910204	Good manufacturing and Good Laboratory Practice	6	0	80	20	-	-
10	Pharmaceutical Technology		910202	Industrial Pharmacy Practice	6	0	80	20	-	-
11	Pharmacology & Toxicology		910203	Advances in Pharmacology	6	0	80	20	-	-
12	Industrial Pharmacy		910208	Industrial Pharmacy-II	6	0	80	20	-	-
13	Quality Assurance Technique		910204	Good manufacturing and Good Laboratory Practice	6	0	80	20	-	-
14	Medical Chemistry		910201	Chemistry of natural Products	6	0	80	20	-	-
15	Quality Assurance and Pharm Regulatory Affairs		1911502	Basic Concepts of Regulatory Affairs	6	0	80	20	-	-
16	Pharmaceutical Management and Regulatory Affairs		1911602	Pharm Management-1	6	0	80	20	-	-