

## Equivalence of 2008 - 2013 Syllabus

### M. Pharmacy (Pharmaceutics) Sem. I

2008 Pattern Subjects	Equivalence Subjects (2013)
Advanced Analytical Techniques	Advanced Analytical Techniques
Research Methodology	Research Methodology
Advanced Pharmaceutics	Advanced Pharmaceutics
Elective I	Elective I
Seminar	Seminar

### M. Pharmacy (Pharmaceutics) Sem. II

2008 Pattern Subjects	Equivalence Subjects (2013)
Formulations and Development	Formulations and Development
Drug Regulatory Affairs	Drug Regulatory Affairs
Novel Drug Delivery Systems	Novel Drug Delivery Systems
Elective II	Elective II
Seminar	Seminar
Research Work	Research Work

### M. Pharmacy (Pharmaceutics) Sem. III

2008 Pattern Subjects	Equivalence Subjects (2013)
Seminar on Dissertation	Seminar on Research Envisaged for Dissertation
Research Work	Research Work
	Seminar on recent trends in Pharmaceutical Sciences

### M. Pharmacy (Pharmaceutics) Sem. IV

2008 Pattern Subjects	Equivalence Subjects (2013)
Seminar on Dissertation	Seminar on Dissertation
Dissertation	Research Work
Defence (viva/voce)	Dissertation & Defense (viva/voce)

04/06

**M. Pharmacy (Pharmaceutical Chemistry) Sem. I**

<b>2008 Pattern Subjects</b>	<b>Equivalence Subjects (2013)</b>
Advanced Analytical Techniques	Advanced Analytical Techniques
Research Methodology	Research Methodology
Advanced Pharmaceutical Chemistry	Advanced Pharmaceutical Chemistry
Elective I	Elective I
Seminar	Seminar

**M. Pharmacy (Pharmaceutical Chemistry) Sem. II**

<b>2008 Pattern Subjects</b>	<b>Equivalence Subjects (2013)</b>
Advanced Medicinal Chemistry	Advanced Medicinal Chemistry
Drug Regulatory Affairs	Drug Regulatory Affairs
Drug Design	Drug Design
Elective II	Elective II
Seminar	Seminar
Research Work	Research Work

**M. Pharmacy (Pharmaceutical Chemistry) Sem. III**

<b>2008 Pattern Subjects</b>	<b>Equivalence Subjects (2013)</b>
Seminar on Dissertation	Seminar on Research Envisaged for Dissertation
Research Work	Research Work
	Seminar on recent trends in Pharmaceutical Chemistry

**M. Pharmacy (Pharmaceutical Chemistry) Sem. IV**

<b>2008 Pattern Subjects</b>	<b>Equivalence Subjects (2013)</b>
Seminar on Dissertation	Seminar on Dissertation
Dissertation	Research Work
Defence (viva/voce)	Dissertation & Defense (viva/voce)

02/01

**M. Pharmacy (Pharmacology) Sem. I**

<b>2008 Pattern Subjects</b>	<b>Equivalence Subjects (2013)</b>
Advanced Analytical Techniques	Advanced Analytical Techniques
Research Methodology	Research Methodology
Advance Pharmacology (Preclinical Evaluation of Drugs)	Advanced Pharmacology (Preclinical Evaluation of Drugs)
Elective I	Elective I
Seminar	Seminar

**M. Pharmacy (Pharmacology) Sem. II**

<b>2008 Pattern Subjects</b>	<b>Equivalence Subjects (2013)</b>
Clinical Pharmacology	Clinical Pharmacology
Drug Regulatory Affairs	Drug Regulatory Affairs
Molecular Pharmacology	Molecular Pharmacology
Elective II	Elective II
Seminar	Seminar
Research Work	Research Work

**M. Pharmacy (Pharmacology) Sem. III**

<b>2008 Pattern Subjects</b>	<b>Equivalence Subjects (2013)</b>
Seminar on Dissertation	Seminar on Research Envisaged for Dissertation
Research Work	Research Work
	Seminar on recent trends in Pharmacology

**M. Pharmacy (Pharmacology) Sem. IV**

<b>2008 Pattern Subjects</b>	<b>Equivalence Subjects (2013)</b>
Seminar on Dissertation	Seminar on Dissertation
Dissertation	Research Work
Defence (viva/voce)	Dissertation & Defense (viva/voce)

03/06



**M. Pharmacy (Pharmacognosy) Sem. I**

<b>2008 Pattern Subjects</b>	<b>Equivalence Subjects (2013)</b>
Advanced Analytical Techniques	Advanced Analytical Techniques
Research Methodology	Research Methodology
Advanced Pharmacognosy	Advanced Pharmacognosy
Elective I	Elective I
Seminar	Seminar

**M. Pharmacy (Pharmacognosy) Sem. II**

<b>2008 Pattern Subjects</b>	<b>Equivalence Subjects (2013)</b>
Phytochemistry & Phytopharmaceuticals	Phytochemistry & Phytopharmaceuticals
Drug Regulatory Affairs	Drug Regulatory Affairs
Industrial Pharmacognosy	Industrial Pharmacognosy
Elective II	Elective II
Seminar	Seminar
Research Work	Research Work

**M. Pharmacy (Pharmacognosy) Sem. III**

<b>2008 Pattern Subjects</b>	<b>Equivalence Subjects (2013)</b>
Seminar on Dissertation	Seminar on Research Envisaged for Dissertation
Research Work	Research Work
	Seminar on recent trends in Pharmacognosy

**M. Pharmacy (Pharmacognosy) Sem. IV**

<b>2008 Pattern Subjects</b>	<b>Equivalence Subjects (2013)</b>
Seminar on Dissertation	Seminar on Dissertation
Dissertation	Research Work
Defence (viva/voce)	Dissertation & Defense (viva/voce)

09/06

**M. Pharmacy (Quality Assurance Techniques) Sem. I**

<b>2008 Pattern Subjects</b>	<b>Equivalence Subjects (2013)</b>
Advanced Analytical Techniques	Advanced Analytical Techniques
Research Methodology	Research Methodology
Advanced Quality Assurance Techniques (cGMP & Documentation)	Advanced Quality Assurance Techniques (CGMP & Documentation)
Elective I	Elective I
Seminar	Seminar

**M. Pharmacy (Quality Assurance Techniques) Sem. II**

<b>2008 Pattern Subjects</b>	<b>Equivalence Subjects (2013)</b>
Pharmaceutical Validation	Pharmaceutical Validation
Drug Regulatory Affairs	Drug Regulatory Affairs
Quality Planning & Analysis	Quality Planning and Analysis
Elective II	Elective II
Seminar	Seminar
Research Work	Research Work

**M. Pharmacy (Quality Assurance Techniques) Sem. III**

<b>2008 Pattern Subjects</b>	<b>Equivalence Subjects (2013)</b>
Seminar on Dissertation	Seminar on Research Envisaged for Dissertation
Research Work	Research Work
	Seminar on recent trends in Quality Assurance Techniques

**M. Pharmacy (Quality Assurance Techniques) Sem. IV**

<b>2008 Pattern Subjects</b>	<b>Equivalence Subjects (2013)</b>
Seminar on Dissertation	Seminar on Dissertation
Dissertation	Research Work
Defence (viva/voce)	Dissertation & Defense (viva/voce)

05/06

### Elective Subjects of All Semesters

2008 Pattern Subjects	Equivalence Subjects (2013)
Quality Control & Assurance of Pharmaceuticals	Quality Control & Assurance of Pharmaceuticals
Pharmaceutical Plant Design and Operations	Pharmaceutical Plant Design and Operations
Biopharmaceutics and Pharmacokinetics	Biopharmaceutics and Pharmacokinetics
Sterile Products Formulation & Technology	Sterile Products Formulation & Technology
Chemistry of Medicinal Natural Products	Chemistry of Medicinal Natural Products
Active Pharmaceutical Ingredients (APIs) Manufacturing Technology	Active Pharmaceutical Ingredients (APIs) Manufacturing Technology
Clinical Trials	Clinical Trials
Safety Pharmacology	Safety Pharmacology
Traditional Systems of Medicine & Ayurvedic Formulations	Traditional Systems of Medicine & Ayurvedic Formulations
Medicinal Plant Biotechnology	Medicinal Plant Biotechnology
Natural Products Management	Natural Products Management
	Quality Assurance Techniques in Herbal Products
	Toxicology
	Clinical Pharmacokinetics and Pharmacodynamics
	Clinical Immunology and Enzymology
	Industrial Pharmacy and Production Management
	Fermentation Technology
	Project Management
	Pharmaceutical Administration
	Cosmeticology



06/06