

## M.Sc. Applied and Regulatory Toxicology Degree Program

### FIRST YEAR – SEMESTER – I

#### THEORY

**PRT19CT101** Principles of Toxicology

**PRT19CT103** Disposition of Toxicants

**PRT19CT105** Laboratory Animal Science

**PRT19DE107** Methods of Toxicology

**PRT19AE111** Basics in Biochemistry

#### PRACTICALS

**PRT19CL151** Laboratory Animal Science Techniques

**PRT19CL153** Clinical and Anatomic Pathology Techniques

### FIRST YEAR – SEMESTER – II

#### THEORY

**PRT19CT102** Toxic Agents

**PRT19CT104** Pathobiology and Toxicology

**PRT19CT106** Non organ Directed Toxicity

**PRT19DE108** Cellular and Molecular Toxicology

**PRT19GE110** To be chosen by student

#### PRACTICALS

**PRT19CT201** Safety Pharmacology Techniques

**PRT19CT203** Cell and Molecular Biology Techniques

### SECOND YEAR – SEMESTER – III

#### THEORY

**PRT19CT102** Toxic Agents

**PRT19CT104** Pathobiology and Toxicology

**PRT19CT106** Non organ Directed Toxicity

**PRT19DE108** Cellular and Molecular Toxicology

**PRT19GE110** To be chosen by student

#### PRACTICALS

**PRT19CL251** Analytical Chemistry and Toxicology

**PRT19CL253** Genetic Toxicology and Animal Alternative Techniques

### SECOND YEAR – SEMESTER – IV

#### THEORY

**PRT19DE202** Regulatory Affairs and Risk Assessment

**PRT19AE204** Toxicology Result Reporting

#### PRACTICALS

**PRT19RP252** Dissertation and Viva Voce