

**M.Sc.  
(SEMESTER – I and SEMESTER – III)  
AND  
M.Sc. (IMCA)  
(SEMESTER - I, SEMESTER – III and SEMESTER - V)  
Backlog (2016 Pattern)**

**SCHEDULE OF END SEMESTER EXAMINATION, DECEMBER 2020  
(Under Faculty of Science)**

**(Revised)**

**INSTRUCTIONS FOR CANDIDATES**

1. Candidates are required to login to the Interactive Teaching and Learning Education (ITLE) Examinations Module of Mastersoft ERP FIFTEEN MINUTES before the scheduled time given in the timetable.
2. In Online Theory Examinations, all questions are compulsory and based on Multiple Choice Questions. Duration is given in the timetable.
3. By Clicking on Start test button means you are agreed to the Rules and regulations of Online test of Fergusson College (Autonomous), Pune 4.
4. You should not change the Examination window once the Examination starts, if you try to switch windows, your examination might get terminated for malpractice.
5. Candidates are requested to see college website regularly for changes, if any that may be notified later in the program.
6. No request for any special concession such as a change in time or any day fixed for the Examination on any ground shall be granted.
7. Use of non-programmable calculator is permitted.
8. In case of any technical problem during examination candidate should contact to their subject teacher or HOD immediately.

## M.Sc. (Semester – I)

<b>MONDAY, 18.01.2021</b>			
TIME	SUBJECT	PAPER CODE	PAPER TITLE
10.30 AM – 11.30 AM	ANALYTICAL CHEMISTRY	CHA4101	Fundamentals of Physical Chemistry
10.30 AM – 11.30 AM	BIOCHEMISTRY	CHB4101	Biomolecules
10.30 AM – 11.30 AM	BIOTECHNOLOGY	BTH4101	Molecular Biology
10.30 AM – 11.30 AM	BOTANY	BOT4101	Classic Botany - I (Algae, Fungi, Bryophytes)
10.30 AM – 11.30 AM	COMPUTER APPLICATIONS	CSA4101	Mathematical Foundation
10.30 AM – 11.30 AM	COMPUTER SCIENCE	CSC4101	Principles of Programming Languages
10.30 AM – 11.30 AM	ELECTRONIC SCIENCE	ELS4101	Analogue Circuit Design
10.30 AM – 11.30 AM	ENVIRONMENTAL SCIENCE	EVS4101	Environmental Biology
10.30 AM – 11.30 AM	GEOLOGY	GLY4101	Planetary Science and Geodynamics
10.30 AM – 11.30 AM	INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS	MTS4101	Real Analysis
10.30 AM – 11.30 AM	MICROBIOLOGY	MIC4101	Microbial Diversity and Molecular Taxonomy
10.30 AM – 11.30 AM	ORGANIC CHEMISTRY	CHO4101	Fundamentals of Physical Chemistry
10.30 AM – 11.30 AM	PHYSICS	PHY4101	Classical Mechanics

**TUESDAY, 19.01.2021**

<b>TIME</b>	<b>SUBJECT</b>	<b>PAPER CODE</b>	<b>PAPER TITLE</b>
10.30 AM – 11.30 AM	ANALYTICAL CHEMISTRY	CHA4102	Molecular Symmetry and Chemistry of Main Group Elements
10.30 AM – 11.30 AM	BIOCHEMISTRY	CHB4102	Enzymology
10.30 AM – 11.30 AM	BIOTECHNOLOGY	BTH4102	Biological Chemistry
10.30 AM – 11.30 AM	BOTANY	BOT4102	Plant Physiology and Biochemistry
10.30 AM – 11.30 AM	COMPUTER APPLICATIONS	CSA4102	System Analysis and Design and UI Design
10.30 AM – 11.30 AM	COMPUTER SCIENCE	CSC4102	Distributed Database Concepts
10.30 AM – 11.30 AM	ELECTRONIC SCIENCE	ELS4102	Digital System Design using Verilog
10.30 AM – 11.30 AM	ENVIRONMENTAL SCIENCE	EVS4102	Environmental Chemistry
10.30 AM – 11.30 AM	GEOLOGY	GLY4102	Principles of Stratigraphy and Palaeontology
10.30 AM – 11.30 AM	INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS	MTS4102	Linear Algebra
10.30 AM – 11.30 AM	MICROBIOLOGY	MIC4102	Biochemistry
10.30 AM – 11.30 AM	ORGANIC CHEMISTRY	CHO4102	Molecular Symmetry and Chemistry of Main Group Elements
10.30 AM – 11.30 AM	PHYSICS	PHY4102	Mathematical Methods in Physics

**WEDNESDAY, 20.01.2021**

<b>TIME</b>	<b>SUBJECT</b>	<b>PAPER CODE</b>	<b>PAPER TITLE</b>
10.30 AM – 11.30 AM	ANALYTICAL CHEMISTRY	CHA4103	Fundamentals of Organic Chemistry
10.30 AM – 11.30 AM	BIOCHEMISTRY	CHB4103	Cell Biology and Membrane Biochemistry
10.30 AM – 11.30 AM	BIOTECHNOLOGY	BTH4103	Cell Biology
10.30 AM – 11.30 AM	BOTANY	BOT4103	Genetics and Plant Breeding
10.30 AM – 11.30 AM	COMPUTER APPLICATIONS	CSA4103	Core Java
10.30 AM – 11.30 AM	COMPUTER SCIENCE	CSC4103	Design and Analysis of Algorithms
10.30 AM – 11.30 AM	ELECTRONIC SCIENCE	ELS4103	Mathematical Methods in Electronics and Network Analysis
10.30 AM – 11.30 AM	ENVIRONMENTAL SCIENCE	EVS4103	Environmental Geoscience
10.30 AM – 11.30 AM	GEOLOGY	GLY4103	Mineralogy
10.30 AM – 11.30 AM	INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS	MTS4103	Discrete Mathematical Structures
10.30 AM – 11.30 AM	MICROBIOLOGY	MIC4103	Molecular Biophysics & Instrumentation
10.30 AM – 11.30 AM	ORGANIC CHEMISTRY	CHO4103	Fundamentals of Organic Chemistry
10.30 AM – 11.30 AM	PHYSICS	PHY4103	Atoms, Molecules and Solids

**THURSDAY, 21.01.2021**

<b>TIME</b>	<b>SUBJECT</b>	<b>PAPER CODE</b>	<b>PAPER TITLE</b>
10.30 AM – 11.30 AM	ANALYTICAL CHEMISTRY	CHA4104	Safety in Chemical Laboratory and Good Laboratory Practices  OR Good Laboratory Practices and Biomolecules
10.30 AM – 11.30 AM	BIOCHEMISTRY	CHB4104	Biophysical Techniques
10.30 AM – 11.30 AM	BIOTECHNOLOGY	BTH4104	Database Management and IPR
10.30 AM – 11.30 AM	BOTANY	BOT4104	Botanical Techniques
10.30 AM – 11.30 AM	COMPUTER APPLICATIONS	CSA4104	Database Management Systems
10.30 AM – 11.30 AM	COMPUTER SCIENCE	CSC4104	Advanced Networking and Network Programming
10.30 AM – 11.30 AM	ELECTRONIC SCIENCE	ELS4104	Programming with C and C++
10.30 AM – 11.30 AM	ENVIRONMENTAL SCIENCE	EVS4104	Environmental Statistics
10.30 AM – 11.30 AM	GEOLOGY	GLY4104	Geomorphology and Remote Sensing in Geology
10.30 AM – 11.30 AM	INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS	MTS4104	C programming
10.30 AM – 11.30 AM	MICROBIOLOGY	MIC4104	Advanced Cell Biology
10.30 AM – 11.30 AM	ORGANIC CHEMISTRY	CHO4104	Safety in Chemical Laboratory and Good Laboratory Practices  OR Good Laboratory Practices and Biomolecules
10.30 AM – 11.30 AM	PHYSICS	PHY4104	Electronics

**FRIDAY, 22.01.2021**

<b>TIME</b>	<b>SUBJECT</b>	<b>PAPER CODE</b>	<b>PAPER TITLE</b>
10.30 AM – 11.30 AM	INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS	MTS4105	Database Management Systems

**Dr. Vijay Labade**  
**Controller of Examinations**

**Dr. Ravindrasing Pardeshi**  
**Principal**

## M.Sc. (Semester – III)

<b>MONDAY, 18.01.2021</b>			
<b>TIME</b>	<b>SUBJECT</b>	<b>PAPER CODE</b>	<b>PAPER TITLE</b>
05.00 PM – 06.00 PM	ANALYTICAL CHEMISTRY	CHA5301	Electro Analytical and Radio Analytical Techniques
05.00 PM – 06.00 PM	BIOCHEMISTRY	CHB5301	Molecular Biology
05.00 PM – 05.45 PM	BIOTECHNOLOGY	BTH5301	Animal Biotechnology
05.00 PM – 06.00 PM	BOTANY	BOT5301	Angiosperms and Evolution
05.00 PM – 06.00 PM	COMPUTER APPLICATIONS	CSA5301	Python Programming
05.00 PM – 06.00 PM	COMPUTER SCIENCE	CSC5301	Digital Image Processing
05.00 PM – 06.00 PM	ELECTRONIC SCIENCE	ELS5301	Communication Electronics
05.00 PM – 06.00 PM	ENVIRONMENTAL SCIENCE	EVS5301	Environmental Pollution: Air, Noise and Radiation
05.00 PM – 06.00 PM	GEOLOGY	GLY5301	Indian Stratigraphy
05.00 PM – 06.00 PM	INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS	MTS5301	Probability and Statistics
05.00 PM – 06.00 PM	MICROBIOLOGY	MIC5301	Immunology
05.00 PM – 06.00 PM	ORGANIC CHEMISTRY	CHO5301	Reaction Mechanism in Organic Chemistry
05.00 PM – 06.00 PM	PHYSICS	PHY5301	Experimental Techniques in Physics

**TUESDAY, 19.01.2021**

<b>TIME</b>	<b>SUBJECT</b>	<b>PAPER CODE</b>	<b>PAPER TITLE</b>
05.00 PM – 06.00 PM	ANALYTICAL CHEMISTRY	CHA5302	Pharmaceutical Analysis
05.00 PM – 06.00 PM	BIOCHEMISTRY	CHB5302	Immunology
05.00 PM – 05.45 PM	BIOTECHNOLOGY	BTH5302	Bioprocess and Fermentation Technology
05.00 PM – 06.00 PM	BOTANY	BOT5302	Development Botany and Economic Botany
05.00 PM – 06.00 PM	COMPUTER APPLICATIONS	CSA5302	Mobile Technology
05.00 PM – 06.00 PM	COMPUTER SCIENCE	CSC5302	Soft Computing
05.00 PM – 06.00 PM	ELECTRONIC SCIENCE	ELS5302	Power Electronics
05.00 PM – 06.00 PM	ENVIRONMENTAL SCIENCE	EVS5302	Environmental Impact Analysis and Environmental Audit
05.00 PM – 06.00 PM	GEOLOGY	GLY5302	Exploration Methods
05.00 PM – 06.00 PM	INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS	MTS5302	Cryptography
05.00 PM – 06.00 PM	MICROBIOLOGY	MIC5302	Molecular Biology
05.00 PM – 06.00 PM	ORGANIC CHEMISTRY	CHO5302	Structure Determination by Analytical Methods
05.00 PM – 06.00 PM	PHYSICS	PHY5302	Basic Material Science



**WEDNESDAY, 20.01.2021**

<b>TIME</b>	<b>SUBJECT</b>	<b>PAPER CODE</b>	<b>PAPER TITLE</b>
05.00 PM – 06.00 PM	ANALYTICAL CHEMISTRY	CHA5303	Extraction and Atomic Spectroscopic Techniques
05.00 PM – 06.00 PM	BIOCHEMISTRY	CHB5303	Physiological Biochemistry
05.00 PM – 05.45 PM	BIOTECHNOLOGY	BTH5303	Human and Population Genetics
05.00 PM – 06.00 PM	BOTANY	BOT5303	Plant Biotechnology
05.00 PM – 06.00 PM	COMPUTER APPLICATIONS	CSA5303	Networking Concepts
05.00 PM – 06.00 PM	COMPUTER SCIENCE	CSC5303	Business Intelligence
05.00 PM – 06.00 PM	ELECTRONIC SCIENCE	ELS5303	Embedded Processors
05.00 PM – 06.00 PM	ENVIRONMENTAL SCIENCE	EVS5303	Remote Sensing and GIS
05.00 PM – 06.00 PM	GEOLOGY	GLY5303	Petroleum Geology
05.00 PM – 06.00 PM	INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS	MTS5304	Object Oriented Software Engineering
05.00 PM – 06.00 PM	MICROBIOLOGY	MIC5303	Microbial Biotechnology
05.00 PM – 06.00 PM	ORGANIC CHEMISTRY	CHO5303	Stereochemistry of Organic Molecules
05.00 PM – 06.00 PM	PHYSICS	PHY5303	Physics of Semiconductor Devices

## THURSDAY, 21.01.2021

TIME	SUBJECT	PAPER CODE	PAPER TITLE
05.00 PM – 05.30 PM	ANALYTICAL CHEMISTRY	CHA5304	Metallurgy and Analysis of Cement
05.00 PM – 06.00 PM	BIOCHEMISTRY	CHB5304	Plant Biochemistry and Cell Culture
05.00 PM – 05.45 PM	BIOTECHNOLOGY	BTH5304	Bioinformatics
05.00 PM – 05.30 PM	BOTANY	BOT5304	Industrial Botany I  OR Industrial Botany II
05.00 PM – 06.00 PM	COMPUTER APPLICATIONS	CSA5307	Big Data Analytics
05.00 PM – 06.00 PM	COMPUTER SCIENCE	CSC5304	Mobile Computing
05.00 PM – 05.30 PM	ELECTRONIC SCIENCE	ELS5307	Programmable Logic Controller
05.00 PM – 05.30 PM	ENVIRONMENTAL SCIENCE	EVS5306	Green Technologies
05.00 PM – 06.00 PM	GEOLOGY	GLY5304	Marine Geology, Oceanography and Climatology
05.00 PM – 06.00 PM	INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS	MTS5305	Operating Systems
05.00 PM – 05.30 PM	MICROBIOLOGY	MIC5306	Food Technology
05.00 PM – 05.30 PM	ORGANIC CHEMISTRY	CHO5304	Designing of Organic Synthesis
05.00 PM – 06.00 PM	PHYSICS	PHY5305	Astronomy and Astrophysics - I

## FRIDAY, 22.01.2021

TIME	SUBJECT	PAPER CODE	PAPER TITLE
05.00 PM – 05.30 PM	ANALYTICAL CHEMISTRY	CHA5305	Geochemical and Agrochemical Material Analysis
05.00 PM – 05.30 PM	BIOTECHNOLOGY	BTH5305	Clinical Research and Data Management
05.00 PM – 06.00 PM	COMPUTER SCIENCE	CSC5305  CSC5306	Software Quality Assurance and Testing  OR Unix: Internals and Programming
05.00 PM – 05.30 PM	ELECTRONIC SCIENCE	ELS5309	Python Programming
05.00 PM – 05.30 PM	ENVIRONMENTAL SCIENCE	EVS5308	Environmental Management System
05.00 PM – 05.30 PM	GEOLOGY	GLY5308  GLY5309  GLY5310  GLY5311	Applications of GIS in Geology  OR Natural Resource Management  OR Oil Field Services  OR Geostatistics and Computer Application in Geology
05.00 PM – 06.00 PM	INDUSTRIAL  MATHEMATICS WITH  COMPUTER APPLICATIONS	MTS5306	JAVA Programming
05.00 PM – 05.30 PM	MICROBIOLOGY	MIC5307	IPR Biosafety and Bioethics
05.00 PM – 05.30 PM	ORGANIC CHEMISTRY	CHO5305	Chemistry of Heterocycles

**SATURDAY, 23.01.2021**

<b>TIME</b>	<b>SUBJECT</b>	<b>PAPER CODE</b>	<b>PAPER TITLE</b>
05.00 PM – 05.30 PM	BIOTECHNOLOGY	BTH5307	Biostatistics

**Dr. Vijay Labade**  
**Controller of Examinations**

**Dr. Ravindrasing Pardeshi**  
**Principal**

**M.Sc. IMCA (SEM-V)**  
**Backlog / Regular (2016 Pattern)**

**Time – 05.00 PM – 06.00 PM**

<b>Day and Date</b>	<b>Subject Code</b>	<b>Subject Title</b>
Monday 18.01.2021	MTS6501	Digital Image Processing
Tuesday 19.01.2021	MTS6502	UNIX
Wednesday 20.01.2021	MTS6503	Data Mining
Thursday 21.01.2021	MTS6508	Soft Computing

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