

Deccan Education Society's  
**Fergusson College (Autonomous), Pune - 4.**

**M.Sc. PART-I (SEM II) REGULAR / BACKLOG**  
**SCHEDULE OF END SEMESTER EXAMINATION, APRIL 2020**

**INSTRUCTIONS FOR CANDIDATES**

- Candidates are required to be present at the examination centre, FIFTEEN MINUTES before the time fixed for the first paper and TEN MINUTES before the time of each subsequent paper.
- Candidates are forbidden from taking any material into the examination hall that can be used for any malpractices at the time of examination.
- Candidates are requested to see the Notice Board at their place of examination regularly for changes if any that may be notified later in the program.
- No request for any special concession such as change in time or day fixed for the Examination on any grounds shall be granted.
- Use of non programmable calculator is permitted.

**TIME: 10.30 am. to 01.00 pm.**

FRIDAY, 17.04.2020			
SUBJECT	PATTERN	PAPER CODE	PAPER TITLE
<b>PHYSICS</b>	2019	PHY4201	Atoms, Molecules and Solids
	2016	PHY4201	Electrodynamics
<b>BIOTECHNOLOGY</b>	2019	BTH4201	Genetic Engineering and Industrial Biotechnology - I
	2016	BTH4201	Genetic Engineering
<b>BOTANY</b>	2019	BOT4201	Fundamental Botany - II
	2016	BOT4201	Classic Botany II (Pteridophytes, Gymnosperms)
<b>ANALYTICAL CHEMISTRY</b>	2019	CHA4201	Advanced Physical Chemistry
	2016	CHA4201	Advanced Physical Chemistry
<b>BIOCHEMISTRY</b>	2019	CHB4201	Microbiology and Fermentation technology
	2016	CHB4201	Bioenergetics and Metabolism
<b>ORGANIC CHEMISTRY</b>	2019	CHO4201	Advanced Physical Chemistry
	2016	CHO4201	Advanced Physical Chemistry
<b>COMPUTER SCIENCE</b>	2019	CSC4201	Programming in C#
	2016	CSC4201	Software Metrics & Project Management
<b>ELECTRONIC SCIENCE</b>	2019	ELS4201	Electromagnetic Theory and Application
	2016	ELS4201	Instrumentation and Measurement Techniques

<b>ENVIRONMENTAL SCIENCE</b>	2019	EVS4201	EIA and Environmental Audit
	2016	EVS4201	Environmental Pollution and Control I: Water and Soil
<b>GEOLOGY</b>	2019	GLY4201	Igneous Petrology
	2016	GLY4201	Igneous Petrology
<b>MICROBIOLOGY</b>	2019	MIC4201	Microbial Metabolism
	2016	MIC4201	Virology
<b>INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS</b>	2019	MTS4201	Advanced Calculus
	2016	MTS4201	Complex Analysis
<b>COMPUTER APPLICATIONS</b>	2019	CSA4201	Data Mining and Data Warehousing
	2018	CSA4201	Web Technologies
<b>DATA SCIENCE</b>	2019	CSD4201	Statistical Inference
<b>SATURDAY, 18.04.2020</b>			
<b>PHYSICS</b>	2019	PHY4202	Electrodynamics
	2016	PHY4202	Solid State Physics
<b>BIOTECHNOLOGY</b>	2019	BTH4202	Animal and Plant Biotechnology
	2016	BTH4202	Immunology and Virology
<b>BOTANY</b>	2019	BOT4202	Cell Biology
	2016	BOT4202	Cell Biology
<b>ANALYTICAL CHEMISTRY</b>	2019	CHA4202	Advanced Inorganic Chemistry
	2016	CHA4202	Coordination and Bioinorganic Chemistry
<b>BIOCHEMISTRY</b>	2019	CHB4202	Metabolism
	2016	CHB4202	Microbiology and Fermentation Technology
<b>ORGANIC CHEMISTRY</b>	2019	CHO4202	Advanced Inorganic Chemistry
	2016	CHO4202	Coordination and Bioinorganic Chemistry
<b>COMPUTER SCIENCE</b>	2019	CSC4202	Full Stack - I: Web UI and Responsive UI Framework
	2016	CSC4202	Data Mining and Data Warehousing
<b>ELECTRONIC SCIENCE</b>	2019	ELS4202	Industrial Process Control
	2016	ELS4202	Embedded System Design
<b>ENVIRONMENTAL SCIENCE</b>	2019	EVS4202	Water and Wastewater Treatment Technology
	2016	EVS4202	Biodiversity, Forestry and Natural Resources
<b>GEOLOGY</b>	2019	GLY4202	Metamorphic Petrology
	2016	GLY4202	Metamorphic Petrology
<b>MICROBIOLOGY</b>	2019	MIC4202	Immunology
	2016	MIC4202	Biostatistics
<b>INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS</b>	2019	MTS4202	Abstract Algebra
	2016	MTS4202	Group Theory and its Applications
<b>COMPUTER APPLICATIONS</b>	2019	CSA4202	Core Java
	2018	CSA4202	Object Oriented Analysis and Design
<b>DATA SCIENCE</b>	2019	CSD4202	Mathematical Foundation

MONDAY, 20.04.2020			
PHYSICS	2019	PHY4203	Statistical Mechanics
	2016	PHY4203	Quantum Mechanics
BIOTECHNOLOGY	2019	BTH4203	Virology and Immunology
	2016	BTH4203	Plant Biotechnology
BOTANY	2019	BOT4203	Molecular Biology and Genetic Engineering
	2016	BOT4203	Molecular Biology and Genetic Engineering
ANALYTICAL CHEMISTRY	2019	CHA4203	Reaction Mechanism in Organic Chemistry
	2016	CHA4203	Synthetic Organic Chemistry and Spectroscopy
BIOCHEMISTRY	2019	CHB4203	Molecular Biology
	2016	CHB4203	Biostatistics, Bioinformatics And Research Methodology
ORGANIC CHEMISTRY	2019	CHO4203	Reaction Mechanism in Organic Chemistry
	2016	CHO4203	Synthetic Organic Chemistry and Spectroscopy
COMPUTER SCIENCE	2019	CSC4203	Business Intelligence and Analytics <b>OR</b>
		CSC4204	Robotics and Artificial Intelligence
	2016	CSC4203	Programming with DOT NET
ELECTRONIC SCIENCE	2019	ELS4203	Embedded Systems
	2016	ELS4203	Applied Electromagnetic, Microwaves and Antennas
ENVIRONMENTAL SCIENCE	2019	EVS4203	Biodiversity, Forestry and Conservation
	2016	EVS4203	Atmospheric Sciences
GEOLOGY	2019	GLY4203	Structural Geology
	2016	GLY4203	Structural Geology
MICROBIOLOGY	2019	MIC4203	Molecular Biology
	2016	MIC4203	Microbial Metabolism
INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS	2019	MTS4203	Discrete Mathematics II
	2016	MTS4203	Numerical Analysis
COMPUTER APPLICATIONS	2019	CSA4203	Web Technologies <b>OR</b>
		CSA4204	Networking Concepts
	2018	CSA4203	Advanced Java
DATA SCIENCE	2019	CSD4203	Machine Learning
TUESDAY, 21.04.2020			
PHYSICS	2019	PHY4204	Basic Materials Science
	2016	PHY4204	Statistical Mechanics
BIOTECHNOLOGY	2019	BTH4211	Clinical Research (10.30 am to 11.45 am)
	2016	BTH4204	Bacteriology (10.30 am to 11.45 am)
BOTANY	2019	BOT4204	Techniques in Biology <b>OR</b>
		BOT4205	Molecules of life and biophysical parameters
	2016	BOT4204	Plant Ecology and Phytogeography

<b>ANALYTICAL CHEMISTRY</b>	2016	CHA4204	Modern Separation Methods and Chemometrics
<b>BIOCHEMISTRY</b>	2019	CHB4204	Physiological Biochemistry
	2016	CHB4204	Genetics I And II
<b>ORGANIC CHEMISTRY</b>	2016	CHO4204	Modern Separation Methods and Chemometrics
<b>COMPUTER SCIENCE</b>	2019	CSC4207	Networking and Information Security <b>OR</b>
		CSC4208	Software Quality Assurance and Testing
	2016	CSC4204	Information System and Security
<b>ELECTRONIC SCIENCE</b>	2019	ELS4204	Power Electronics
	2016	ELS4204	Foundation of Semiconductor Devices
<b>ENVIRONMENTAL SCIENCE</b>	2016	EVS4204	Water and Wastewater Technology
<b>GEOLOGY</b>	2019	GLY4206	Economic Geology
	2016	GLY4204	Sedimentology
<b>MICROBIOLOGY</b>	2019	MIC4206	Virology <b>OR</b>
		MIC4207	Advanced Bionanotechnology <b>OR</b>
		MIC4208	MOOCS - II
	2016	MIC4204	Advanced Environmental Microbiology
<b>INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS</b>	2019	MTS4204	Probability and Statistics
	2016	MTS4204	C++
<b>COMPUTER APPLICATIONS</b>	2019	CSA4208	Bigdata Analytics
	2018	CSA4204	Data Mining and Data Warehousing
<b>DATA SCIENCE</b>	2019	CSD4205	Soft Computing
<b>WEDNESDAY, 22.04.2020</b>			
<b>BIOTECHNOLOGY</b>	2016	BTH4205	Environmental Biotechnology (10.30 am to 11.45 am)
<b>COMPUTER SCIENCE</b>	2016	CSC4205	Artificial Intelligence
		CSC4206	Web Services
<b>INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS</b>	2019		
	2016	MTS4205	Data Structures Using C

**\*NOTE: -The practical examination will be conducted by Fergusson College (Autonomous) before theory examination in such a way that it will not clash with the Theory Examinations.**

**Dr. Vijay Labade**  
Controller of Examinations

**Dr. Ravindrasing Pardeshi**  
Principal