

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

M.Sc. PART-II (SEM IV) 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: 02.30 pm to 05.00 pm

| FRIDAY, 17.04.2020 | | | |
|---|---------|------------|--|
| SUBJECT | PATTERN | PAPER CODE | PAPER TITLE |
| PHYSICS | 2016 | PHY5401 | Nuclear Physics |
| BIOTECHNOLOGY | 2016 | BTH5401 | Genomics and Proteomics |
| BOTANY | 2016 | BOT5401 | Biostatistics And Bioinformatics |
| ANALYTICAL CHEMISTRY | 2016 | CHA5401 | Analytical Toxicology, Forensic and Food Analysis. |
| BIOCHEMISTRY | 2016 | CHB5401 | Neurochemistry & Endocrinology |
| ORGANIC CHEMISTRY | 2016 | CHO5401 | Chemistry of Natural Products |
| ELECTRONIC SCIENCE | 2016 | ELS5401 | Data Communication and Networking |
| ENVIRONMENTAL SCIENCE | 2016 | EVS5401 | Environmental Toxicology, Health and Safety |
| GEOLOGY | 2016 | GLY5401 | Economic Geology |
| MICROBIOLOGY | 2016 | MIC5401 | Pharmaceutical Microbiology |
| INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS | 2016 | MTS5401 | Ordinary Differential Equations |
| COMPUTER APPLICATIONS | 2018 | CSA5401 | Internet of Things |
| SATURDAY, 18.04.2020 | | | |
| PHYSICS | 2016 | PHY5402 | Materials Synthesis, Processing and Applications |

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| BIOTECHNOLOGY | 2016 | BTH5402 | Development, Stem Cell and Regenerative Biology |
| BOTANY | 2016 | BOT5402 | Plant Interactions and Immunology |
| ANALYTICAL CHEMISTRY | 2016 | CHA5402 | Analytical spectroscopy |
| BIOCHEMISTRY | 2016 | CHB5402 | Toxicology & Advance Biophysical Techniques |
| ORGANIC CHEMISTRY | 2016 | CHO5402 | Advanced Synthetic Organic Chemistry |
| ELECTRONIC SCIENCE | 2016 | ELS5402 | Industrial Process Control |
| ENVIRONMENTAL SCIENCE | 2016 | EVS5402 | Restoration and Watershed Management |
| GEOLOGY | 2016 | GLY5402 | Hydrogeology, Watershed Development and Management |
| MICROBIOLOGY | 2016 | MIC5402 | Applied Molecular Biology |
| INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS | 2016 | MTS5402 | Statistical Inference |
| COMPUTER APPLICATIONS | 2018 | CSA5402 | Information System Security |

MONDAY, 20.04.2020

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| PHYSICS | 2016 | PHY5403 | Physics of Nanomaterials |
| BIOTECHNOLOGY | 2016 | BTH5405 | Food Technology (02.30 pm to 03.45 pm) |
| BOTANY | 2016 | BOT5403 | Plant Pathology |
| ANALYTICAL CHEMISTRY | 2016 | CHA5403 | Consumer products and polymer Analysis |
| BIOCHEMISTRY | 2016 | CHB5403 | Genetic Engineering |
| ORGANIC CHEMISTRY | 2016 | CHO5403 | Asymmetric Synthesis |
| ELECTRONIC SCIENCE | 2016 | ELS5403 | Mechatronics |
| ENVIRONMENTAL SCIENCE | 2016 | EVS5403 | Renewable and Non-Renewable Energy |
| GEOLOGY | 2016 | GLY5403 | Engineering Geology and Geotechniques |
| MICROBIOLOGY | 2016 | MIC5403 | Bioprocess Development |
| INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS | 2016 | MTS5403 | Computer Networks |
| COMPUTER APPLICATIONS | 2018 | CSA5405 | Artificial Intelligence |

TUESDAY, 21.04.2020

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|----------------------|------|---------|--|
| PHYSICS | 2016 | PHY5405 | Atmospheric Science |
| BIOTECHNOLOGY | 2016 | BTH5406 | Bio – Entrepreneurship (02.30 pm to 03.45 pm) |
| BOTANY | 2016 | BOT5404 | Industrial Botany IV (02.30 pm to 03.45 pm) |

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| | | BOT5405 | Industrial Botany V (03.45 pm to 05.00 pm) |
| ANALYTICAL CHEMISTRY | 2016 | CHA5405 | Pollution Monitoring and Control (02.30 pm to 03.45 pm) |
| BIOCHEMISTRY | 2016 | CHB5404 & CHB5407 | Clinical Nutrition & Food Technology (Section A) & Stem cells and Regenerative Medicine (Section B) |
| ORGANIC CHEMISTRY | 2016 | CHO5404 | Carbohydrate as Chirons in Chiral Drugs Synthesis (02.30 pm to 03.45 pm) |
| ELECTRONIC SCIENCE | 2016 | ELS5406 | Fundamentals of RTOS (02.30 pm to 03.45 pm) |
| ENVIRONMENTAL SCIENCE | 2016 | EVS5404 | Environmental Law Ethics and Policy |
| GEOLOGY | 2016 | GLY5408 | Mining Geology (02.30 pm to 03.45 pm) |
| MICROBIOLOGY | 2016 | MIC5406 | Developmental Biology (02.30 pm to 03.45 pm) |
| | | MIC5408 | Waste Water Treatment (02.30 pm to 03.45 pm) |
| INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS | 2016 | MTS5404 | Design and Analysis of Algorithms |
| COMPUTER APPLICATIONS | 2018 | CSA5408 | Machine Learning |
| WEDNESDAY, 22.04.2020 | | | |
| ANALYTICAL CHEMISTRY | 2016 | CHA5406 | Nanotechnology (02.30 pm to 03.45 pm) |
| ORGANIC CHEMISTRY | 2016 | CHO5405 | Medicinal Chemistry (02.30 pm to 03.45 pm) |
| ELECTRONIC SCIENCE | 2016 | ELS5407 | Internet of Things (02.30 pm to 03.45 pm) |
| ENVIRONMENTAL SCIENCE | 2016 | EVS5406 | Environmental Economics (02.30 pm to 03.45 pm) |
| GEOLOGY | 2016 | GLY5409 | Gemmology (02.30 pm to 03.45 pm) |
| MICROBIOLOGY | 2016 | MIC5407 | Microbial Ecology (02.30 pm to 03.45 pm) |
| INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS | 2016 | MTS5407 | Web UI design |
| | | MTS5406 | Python |
| THURSDAY, 23.04.2020 | | | |
| ENVIRONMENTAL SCIENCE | 2016 | EVS5408 | Hazardous Waste Management (02.30 pm to 03.45 pm) |

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