

**Deccan Education Society's
Fergusson College (Autonomous), Pune 4.****M.Sc. (SEM IV) BACKLOG (2016 PATTERN)****SCHEDULE OF END SEMESTER EXAMINATION, OCT./NOV. 2018****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: 02.00 pm to 04.00 pm

| Tuesday, 13.11.2018 | | |
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| Subject | Paper Code | Paper Title |
| PHYSICS | PHY5401 | Nuclear Physics |
| BIOTECHNOLOGY | BTH5401 | Genomics and Proteomics |
| BOTANY | BOT5401 | Biostatistics And Bioinformatics |
| ANALYTICAL CHEMISTRY | CHA5401 | Analytical Toxicology, Forensic and Food Analysis. |
| BIOCHEMISTRY | CHB5401 | Neurochemistry & Endocrinology |
| ORGANIC CHEMISTRY | CHO5401 | Chemistry of Natural Products |
| ELECTRONIC SCIENCE | ELS5401 | Data Communication and Networking |
| ENVIRONMENTAL SCIENCE | EVS5401 | Environmental Toxicology, Health and Safety |
| GEOLOGY | GLY5401 | Economic Geology |
| MICROBIOLOGY | MIC5401 | Pharmaceutical Microbiology |
| INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS | MTS5401 | Ordinary Differential Equations |
| Wednesday, 14.11.2018 | | |
| PHYSICS | PHY5402 | Materials Synthesis, Processing and Applications |

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

Thursday, 15.11.2018

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| PHYSICS | PHY5403 | Physics of Nanomaterials |
| BIOTECHNOLOGY | BTH5405 | Food Technology (02.00 pm to 03.00 pm) |
| BOTANY | BOT5403 | Plant Pathology |
| ANALYTICAL CHEMISTRY | CHA5403 | Consumer products and polymer Analysis |
| BIOCHEMISTRY | CHB5403 | Genetic Engineering |
| ORGANIC CHEMISTRY | CHO5403 | Asymmetric Synthesis |
| ELECTRONIC SCIENCE | ELS5403 | Mechatronics |
| ENVIRONMENTAL SCIENCE | EVS5403 | Renewable and Non-Renewable Energy |
| GEOLOGY | GLY5403 | Engineering Geology and Geotechniques |
| MICROBIOLOGY | MIC5403 | Bioprocess Development |
| INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS | MTS5403 | Computer Networks |

Friday, 16.11.2018

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| PHYSICS | PHY5405 | Atmospheric Science |
| BIOTECHNOLOGY | BTH5406 | Bio – Entrepreneurship (02.00 pm to 03.00 pm) |

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| BOTANY | BOT5404 | Industrial Botany IV (02.00 pm to 03.00 pm) |
| | BOT5405 | Industrial Botany V (03.00 pm to 04.00 pm) |
| ANALYTICAL CHEMISTRY | CHA5405 | Pollution Monitoring and Control (02.00 pm to 03.00 pm) |
| BIOCHEMISTRY | CHB5404 & CHB5407 | Clinical Nutrition & Food Technology (Section A) & Stem cells and Regenerative Medicine (Section B) |
| ORGANIC CHEMISTRY | CHO5404 | Carbohydrate as Chirons in Chiral Drugs Synthesis (02.00 pm to 03.00 pm) |
| ELECTRONIC SCIENCE | ELS5406 | Fundamentals of RTOS (02.00 pm to 03.00 pm) |
| ENVIRONMENTAL SCIENCE | EVS5404 | Environmental Law Ethics and Policy |
| GEOLOGY | GLY5408 | Mining Geology (02.00 pm to 03.00 pm) |
| MICROBIOLOGY | MIC5406 | Developmental Biology (02.00 pm to 03.00 pm) |
| INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS | MTS5404 | Design and Analysis of Algorithms |
| Saturday, 17.11.2018 | | |
| ANALYTICAL CHEMISTRY | CHA5406 | Nanotechnology (02.00 pm to 03.00 pm) |
| ORGANIC CHEMISTRY | CHO5405 | Medicinal Chemistry (02.00 pm to 03.00 pm) |
| ELECTRONIC SCIENCE | ELS5407 | Internet of Things (02.00 pm to 03.00 pm) |
| ENVIRONMENTAL SCIENCE | EVS5406 | Environmental Economics (02.00 pm to 03.00 pm) |
| GEOLOGY | GLY5410 | Sequence Stratigraphy (02.00 pm to 03.00 pm) |
| MICROBIOLOGY | MIC5407 | Microbial Ecology (02.00 pm to 03.00 pm) |
| INDUSTRIAL MATHEMATICS WITH COMPUTER APPLICATIONS | MTS5407 | Web UI design |
| Monday, 19.11.2018 | | |
| ENVIRONMENTAL SCIENCE | EVS5408 | Hazardous Waste Management (02.00 pm to 03.00 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.