

**NOTIFICATION OF THE GUJARAT UNIVERSITY**

No. Exam. '4-A' / 54762 /of 2019

**Revised Programme of the Master of Philosophy (M.Phil.)  
Science Examination - April, 2019**

Candidates are requested to be present at their respective places of examination, *fifteen minutes before the time appointed for the setting of the first paper*. CANDIDATES ARE FORBIDDEN TO TAKE ANY BOOK, PAPER OR ANY KIND OF HAND-WRITTEN/TYPED/PRINTED MATERIAL, PROGRAMMABLE CALCULATOR ANY TYPE OF MOBILE PHONE, ANY TYPE OF ELECTRONIC INSTRUMENT INTO THE EXAMINATION HALL.

The written examination Centre will be declared later on.

The written examinations will be conducted in the following order :

<i>Day &amp; Date</i>	<b>[Time : 03-30 p.m. to 06-00 p.m.]</b> <b><i>M.Phil. Science</i></b>
Thursday, 25th April, 2019	Paper I : <b>Biochemistry</b> : 601 - Research Methodology <b>Botany</b> : 601 : Research Methodology <b>Chemistry</b> : 601 : Research Methodology <b>Mathematics</b> : MAT 601 : Research Methodology & Problem Solving <b>Microbiology</b> : Research Methodology <b>Physics (Compulsory)</b> Numerical Methods & Programming (Old) <b>601</b> : Research Methodology (New) <b>Statistics (Comp.) (Research Methodolo.)</b> <b>Zoology</b> : (Research Methodology) <b>Life Science</b> : 601 : (Research Methodolo.) <b>Bio-informatics</b> : 601 : Biological Sciences and Philosophy <b>Biomedical Technology</b> : 601 : Research Methodology & Applications <b>601 : Electronics</b> : Research Methodology <b>Forensic Science</b> : 601 - Research Methodology
Friday, 26th April, 2019	Paper II <b>Biochemistry</b> : 602 - Recent Advances in Biochemistry <b>Botany</b> : 602 : Recent Advances in Botany and Instrumentation <b>Chemistry</b> : 602 : Instrumentation Methods <b>Mathematics</b> : MAT 602 : Recent Advances in Mathematics <b>Microbiology</b> : Recent Advances in the Subject <b>Physics (Compulsory)</b> Experimental Technique (Old) <b>602</b> : Recent Advances in Physics (New) <b>Statistics (Optional)</b> : Theory of Distributions <b>Zoology</b> : (Immunology, Molecular Biology and Biotechnology) <b>Life Science</b> : 602 : Recent Advances in Life Sciences <b>Bio-informatics</b> : 602 : Biological Science and Computer <b>Biomedical Technology</b> : 602 : Immunology, Cell Biology & Toxicology <b>602 : Electronics</b> : Research Advances in Electronics <b>Forensic Science</b> : 602 - Instrumentation Methods

**M.Phil Sci-[2]**

	[Time : 03-30 p.m. to 06-00 p.m.]
Day & Date	M.Phil. Science
Monday, 29th April, 2019	<p>Paper III</p> <p><b>Biochemistry</b> : 603 - Molecular Biology &amp; Biotechnology</p> <p><b>Botany</b> :</p> <p>603 : Advanced Plant Physiology OR</p> <p>603 : Advanced Plant Ecology OR</p> <p>603 : Plant Biodiversity Management</p> <p><b>Chemistry</b> :</p> <p>603EI : Advanced Inorganic Chemistry OR</p> <p>603EO : Advanced Organic Chemistry OR</p> <p>603EP : Advanced Physical Chemistry OR</p> <p>603EA : Advanced Analytical Chemistry</p> <p><b>Mathematics</b> : MAT 603 : Elective courses in Mathematics</p> <p><b>Microbiology</b> : Elective Courses in the Subject</p> <p><b>Physics</b> (Compulsory)</p> <p>Experimental Technique (Old)</p> <p>Physics : (Elective)</p> <p>Condensed Matter Physics <i>OR</i> Electronics <i>OR</i> Earth Sciences <i>OR</i></p> <p>Plasma Physics and Advanced Quantum Mechanics (Old)</p> <p>603EA : Advanced Condensed Matter Physics (New)</p> <p>603EB : Electronics and Earth Sciences</p> <p><b>Statistics</b> (Optional) :</p> <p>Statistical Methods for Reliability &amp; Life Testing OR</p> <p>Demography OR Advanced Operations Research</p> <p><b>Zoology</b> : (Environmental Biology, Endocrinology and Toxicology)</p> <p><b>Life Science</b> :</p> <p>603EA : Applied Botany OR</p> <p>603EB : Applied Zoology OR</p> <p>603EC : Microbial Technology OR</p> <p>603ED : Biochemistry and Applied Life Sciences</p> <p><b>Bio-informatics</b> : 603 : Bioinformatics Software and Applications</p> <p><b>Biomedical Technology</b> : 603 : Biomedical Technology &amp; Applications</p> <p><b>Electronics</b> : 603EA : Advanced Condensed Matter Studing</p> <p><b>Electronics</b> : 603EB : Electronics and Earth Sciences</p> <p><b>Forensic Science</b> : 603 - Advance Forensic Science</p>

No Old Course is available in any of the subjects except where it is specifically provided in the programme.

Ahmedabad-380 009.

**April 01, 2019**

*for* Controller of Examinations