



## NOTIFICATION OF THE GUJARAT UNIVERSITY

No. Exam. '4-A' / 29610 / of 2024

### Programme of the M.Sc. Semester –IV Examination – April, 2024

Candidates are requested to be present *fifteen minutes before the time appointed for the setting of the first paper and ten minutes before the time for setting each subsequent paper.* THEY ARE FORBIDDEN TO TAKE ANY BOOK, PAPER OR ANY KIND OF HAND-WRITTEN / TYPED / PRINTED MATERIAL, PROGRAMMABLE CALCULATOR, ANY TYPE OF MOBILE PHONE, ELECTRONICS INSTRUMENT, INTO THE EXAMINATION HALL.

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

The written examination will be conducted in the following order :

| Day & Date                                    | M.Sc. Semester – IV Time : 11:00 a.m. to 01:30 p.m.   |
|---|---|
| Tuesday,<br>02 <sup>nd</sup> April,<br>2024   | <b>507 Physics</b> (Nuclear Physics-II, Adv. Quantum Mechanics- II)<br><b>507 Electronic Sciences</b> (Integrated Circuit Technology)<br><b>507 CHE (I) Chemistry (Inorganic)</b> (Adv. Inorganic Chemistry)<br><b>507 CHE (O) Chemistry (Organic)</b> (Adv. Organic Chemistry)<br><b>507 CHE (A) Chemistry (Analytical)</b> (Selected topics in Analytical Chemistry)<br><b>507 CHE (P) Chemistry (Physical)</b> (Advanced Physical Chemistry)<br><b>507 Mathematics</b> Differential Geometry<br><b>507 Statistics</b> (Time Series Analysis and Applications)<br><b>507 Geology</b> (Hydro Geology Surveying & Exploration Method)<br><b>507 Polymer Science</b> (Polymer Testing)<br><b>507 Forensic Science</b> (RESEARCH METHODOLOGY & ETHICS)<br><b>507 Medical Physics</b> (Radiation Therapy)<br><b>507 CE&amp; ART</b>  |
| Wednesday,<br>03 <sup>rd</sup> April,<br>2024 | <b>508 Physics</b> (Numerical Techniques and 'C' Programming)<br><b>508 Electronic Sciences</b> (Data Acquisition System & Power Electronics)<br><b>508 CHE (I) Chemistry ((Inorganic)</b> (Selected topics in Inorganic Chemistry)<br><b>508 CHE (O) Chemistry ((Organic)</b> (Adv. Organic Chemistry)<br><b>508 CHE (A) Chemistry (Analytical)</b> (Quantitative Optical Spectroscopic Methods)<br><b>508 CHE (P) Chemistry (Physical)</b> Selected topics in Physical Chemistry<br><b>508 Mathematics</b> Algebra – II<br><b>508 Statistics</b> (Regression Analysis)<br><b>508 Geology</b> (Engineering Geology Marine Geology & Mathematical Geology)<br><b>508 Polymer Science</b> (Speciality Polymer)<br><b>508 EA Forensic Science</b> (Forensic Chemistry & Technology) / <b>EB</b> (Forensic Physics & Ballistics) / <b>EC</b> (Forensic Biology, Serology & DNA Profiling) / <b>ED</b> (Cyber Security & Digital Forensics) / <b>EE</b> (Questioned Document & Fingerprint)<br><b>508 Medical Physics</b> (Radiation dosimetry and Standardization) |
| Thursday,<br>04 <sup>th</sup> April,<br>2024  | <b>509 Physics</b> (Microprocessor-II and Microwaves)<br><b>509 Electronic Sciences</b> (Fibre optics and its Applications)<br><b>509 CHE (I) - Chemistry (Inorganic)</b> (Adv. Industrial Inorganic Chemistry)<br><b>509 CHE (O) - Chemistry (Organic)</b> (Bioorganic Chemistry) <b>OLD</b><br><b>509 CHE (O) - Chemistry (Organic)</b> (Industrial Training and Industrial Visit) <b>NEW</b><br><b>509 CHE (A) - Chemistry ((Analytical)</b> (Adv. Analytical Instrumentation)<br><b>509 CHE (P) - Chemistry (Physical)</b> Polymer Chemistry-II<br><b>509 EA Mathematics</b> -Number Theory / <b>EB Mathematics</b> Mathematical Methods<br><b>509 Statistics</b> (Industrial Statistics)<br><b>509 Geology</b> -(Sedimentary Petrology)  |

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| <b>Day &amp; Date</b>                      | <b>M.Sc. Semester – IV Time : 11:00 a.m. to 01:30 p.m.</b>   |
|  | <b>509 Polymer Science (Biodegradable Polymer)</b><br><b>509 Medical Physics (Physics of Medical Imaging)</b>  |
| Friday,<br>05 <sup>th</sup> April,<br>2024 | <b>510 Physics (Remote Sensing &amp; EC-II)</b><br><b>510 Electronic Science (Digital Signal Processing &amp; EC- II)</b><br><b>510 CHE (I) Chemistry (Environmental Chemistry)</b><br><b>510 CHE (O) Chemistry (Selected Topics in Medicinal Chemistry)</b><br><b>510 CHE (A) Chemistry (Environmental Chemistry)</b><br><b>510 CHE (P) Chemistry (Catalysis-II)</b><br><b>510 Mathematics- EA-Quantitative Techniques / EB Functional Analysis - II</b><br><b>510 Statistics EA- (Bioassays &amp; Clinical Trials) / EB (Actuarial Statistics) / EC (Environmental Statistics)</b><br><b>510 Geology (Mining Geology, Environmental Geology &amp; Fuel Geology)</b><br><b>510 Medical Physics (Radiation Safety)</b> |

The center for the M.Sc.-Semester - IV Examination will be as under :

| Sr No. | Centre Code | College Code | City        | College   |
|--------|-------------|--------------|-------------|---|
| (1)    | 01          | —            | Ahmedabad   | Places will be declared later on:                 |
| (2)    | 02          | —            | Ahmedabad   | Places will be declared later on:                 |
| (3)    | 03          | —            | Ahmedabad   | Places will be declared later on:                 |
| (4)    | 22          | 046          | Kalol (NG)  | 46-Shri P.H. Goswami Muni. Arts & Science College |
| (5)    | 28          | 118          | Mansa       | Sheth L H Science College                         |
| (6)    | 43          | —            | Gandhinagar | Places will be declared later on:                 |

The Practical Examinations will take place before the Theory Examination. Viva-Examination for Mathematics will also take place before the conclusion of theory examination. Due notice will be given by the Examiners (on the University Website) of the dates, time and places of Practical and Viva examinations and the order in which candidates are to present themselves. *Candidates are directed to be present at the time and place appointed for their practical examinations. Those who fail to present themselves at the appointed time and place will not be examined in the practical afterwards*

The use of calculator is allowed, but programmable calculator is not allowed in the Programme.

Ahmedabad-380 009

By Order,

DP Patel  
March 12, 2024

for Controller of Examinations.