**POST GRADUATION (NEP 2023 PATTERN)**
**YEAR – 2026-2027**

Rayat Shikshan Sanstha's

# R. B. NARAYANRAO BORAWAKE COLLEGE, SHRIRAMPUR

**(Autonomous)**

## MASTER OF SCIENCE (NEP 2023 PATTERN)

### Regular & Backlog Examination Time Table of Oct/Nov-2026

### (Under Faculty of Science and Technology: A) Science)

### INSTRUCTIONS FOR CANDIDATES

- Candidates are required to be present at the examination centre, THIRTY MINUTES before the stipulated time.
- Candidates are forbidden from taking any material into the examination hall that can be treated as a malpractice.
- Candidates are requested to see the Notice Board at their center of examination regularly for changes if any that may be notified later in the program.
- The time table of all examinations will be available on the college website. (www.rbnbcollege.com)
- No request shall be granted for change in time or date for the University Examination on any ground.
- Candidates are requested to note the Day, Date and Time of Paper.
- Candidates are permitted to use stencils at the time of examination.
- The exchanges of side-rules, drawing instruments of other materials used in the examination hall is not permitted at the time of examination. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
- Use of non-programmable battery-operated electronic pocket size Calculator is allowed. The exchange of Calculators is not allowed. Electronics Devices including mobile are not allowed at the time of examination.
- The written examination will be conducted in the following order.

## First Year Mathematics

## Semester-I

**(Regular)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday 03-12-2026 | 10:00 AM to 01:00 PM | MT-MJ-511T | Advanced Calculus |
| Friday 04-12-2026 | 10:00 AM to 01:00 PM | MT-MJ-512T | Advanced Ordinary Differential Equations |
| Saturday 05-12-2026 | 10:00 AM to 12:00 PM | MT-MJ-513T | Abstract Algebra-I |
| Monday 07-12-2026 | 10:00 AM to 12:00 PM | MT-ME-515T | Number Theory and Coding Theory |
| Tuesday 08-12-2026 | 10:00 AM to 12:00 PM | MT-RM-518T | Research Methodology |

## First Year Mathematics

## Semester-II

**(Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday 03-12-2026 | 02:00 PM to 05:00 PM | MT-MJ-521T | Advanced Complex Analysis |
| Friday 04-12-2026 | 02:00 PM to 05:00 PM | MT-MJ-522T | General Topology |
| Saturday 05-12-2026 | 02:00 PM to 04:00 PM | MT-MJ-523T | Advanced Linear Algebra |
| Monday 07-12-2026 | 02:00 PM to 04:00 PM | MT-ME-527T | Advanced Discrete Mathematics |

## Second Year Mathematics

## Semester-III

**(Regular & Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday<br>10-12-2026 | 02.00 PM<br>to<br>05.00 PM | MT-MJ-631T | Measure Theory |
| Friday<br>11-12-2026 | 02.00 PM<br>to<br>05.00 PM | MT-MJ-632T | Advanced Partial Differential Equations |
| Monday<br>14-12-2026 | 02.00 PM<br>to<br>04.00 PM | MT-MJ-633T | Abstract Algebra-II |
| Tuesday<br>15-12-2026 | 02.00 PM<br>to<br>04.00 PM | MT-ME-637T | Probability and Statistics |

## Second Year Mathematics

## Semester-IV

**(Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday<br>10-12-2026 | 10.00 AM<br>to<br>01.00 PM | MT-MJ-641T | Functional Analysis |
| Friday<br>11-12-2026 | 10.00 AM<br>to<br>12.00 PM | MT-MJ-642T | Fourier Series and BVP |
| Monday<br>14-12-2026 | 10.00 AM<br>to<br>12.00 PM | MT-MJ-643T | Advanced Numerical Analysis |
| Tuesday<br>15-12-2026 | 10.00 AM<br>to<br>12.00 PM | MT-ME-644T | Integral Equations |

## First Year Physics

## Semester-I

**(Regular & Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday 03-12-2026 | 10:00 AM to 01:00 PM | PH-MJ-511T | Mathematical Methods in Physics |
| Friday 04-12-2026 | 10:00 AM to 01:00 PM | PH-MJ-512T | Classical Mechanics |
| Saturday 05-12-2026 | 10:00 AM to 01:00 PM | PH-MJ-513T | Atoms and Molecules |
| Monday 07-12-2026 | 10:00 AM to 01:00 PM | PH-ME-515(B)T | Industrial Electronics |
| Tuesday 08-12-2026 | 10:00 AM to 01:00 PM | PH-RM-517T | Research Methodology |

## First Year Physics

## Semester-II

**(Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday 03-12-2026 | 02:00 PM to 05:00 PM | PH-MJ-521T | Electrodynamics |
| Friday 04-12-2026 | 02:00 PM to 05:00 PM | PH-MJ-522T | Quantum Mechanics |
| Saturday 05-12-2026 | 02:00 PM to 05:00 PM | PH-MJ-523T | Electronics |
| Monday 07-12-2026 | 02:00 PM to 05:00 PM | PH-ME-525(A)T | Experimental Techniques for Material characterization |

## Second Year Physics

## Semester-III

**(Regular & Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday<br>10-12-2026 | 02.00 PM<br>to<br>05.00 PM | PH-MJ-631T | Statistical Mechanics |
| Friday<br>11-12-2026 | 02.00 PM<br>to<br>05.00 PM | PH-MJ-632T | Experimental Techniques in Physics-I |
| Monday<br>14-12-2026 | 02.00 PM<br>to<br>04.00 PM | PH-MJ-633T | Solid State Physics |
| Tuesday<br>15-12-2026 | 02.00 PM<br>to<br>04.00 PM | PH-ME-635T | Physics of Thin film |

## Second Year Physics

## Semester-IV

**(Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday<br>10-12-2026 | 10.00 AM<br>to<br>01.00 PM | PH-MJ-641T | Nuclear Physics |
| Friday<br>11-12-2026 | 10.00 AM<br>to<br>01.00 PM | PH-MJ-642T | Experimental Techniques in Physics-II |
| Monday<br>14-12-2026 | 10.00 AM<br>to<br>12.00 PM | PH-ME-644T | Physics of Nanomaterials |

## First Year Organic Chemistry and First Year Analytical Chemistry

## Semester-I

**(Regular & Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday 03-12-2026 | 10:00 AM to 01:00 PM | CH-MJ-511T | Fundamentals of Physical Chemistry |
| Friday 04-12-2026 | 10:00 AM to 01:00 PM | CH-MJ-512T | Basic Organic Chemistry |
| Saturday 05-12-2026 | 10:00 AM to 01:00 PM | CH-MJ-513T | Molecular Symmetry, Group Theory and their Applications |
| Monday 07-12-2026 | 10:00 AM to 01:00 PM | CH-ME-515(A)T | Basics of Material Science |
| Tuesday 08-12-2026 | 10:00 AM to 01:00 PM | CH-RM-517T | Research Methodology |

## First Year Organic Chemistry and First Year Analytical Chemistry

## Semester-II

**(Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday 03-12-2026 | 02:00 PM to 05:00 PM | CH-MJ-521T | Molecular Spectroscopy and Molecular Thermodynamics |
| Friday 04-12-2026 | 02:00 PM to 05:00 PM | CH-MJ-522T | Photochemistry and Spectroscopic Methods of Structure Determination |
| Saturday 05-12-2026 | 02:00 PM to 05:00 PM | CH-MJ-523T | Coordination and Bio-inorganic Chemistry |
| Monday 07-12-2026 | 02:00 PM to 05:00 PM | CH-ME-525(A)T | Organometallic and Inorganic Reaction Mechanism |

## Second Year Organic Chemistry

## Semester-III

**(Regular & Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday<br>10-12-2026 | 02.00 PM<br>to<br>05.00 PM | OC-MJ-631T | Organic Reaction Mechanism and Stereochemistry |
| Friday<br>11-12-2026 | 02.00 PM<br>to<br>05.00 PM | OC-MJ-632T | Advanced Spectroscopic Methods in Structure Determination |
| Monday<br>14-12-2026 | 02.00 PM<br>to<br>04.00 PM | OC-MJ-633T | Asymmetric Synthesis |
| Tuesday<br>15-12-2026 | 02.00 PM<br>to<br>04.00 PM | OC-ME-635(A)T | Protection-Deprotection and Chiron Approach |
| Wednesday<br>16-12-2026 | 02.00 PM<br>to<br>04.00 PM | OC-ME-635(B)T | Carbohydrates and Green Chemistry |

## Second Year Organic Chemistry

## Semester-IV

**(Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday<br>10-12-2026 | 10.00 AM<br>to<br>01.00 PM | OC-MJ-641T | Chemistry of Natural Products |
| Friday<br>11-12-2026 | 10.00 AM<br>to<br>01.00 PM | OC-MJ-642T | Advanced Synthetic Organic Chemistry |
| Monday<br>14-12-2026 | 10.00 AM<br>to<br>12.00 PM | OC-ME-644(A)T | Designing Organic Synthesis |
| Tuesday<br>15-12-2026 | 10.00 AM<br>to<br>12.00 PM | OC-ME-644(B)T | Applied Organic Chemistry |

## Second Year Analytical Chemistry

## Semester-III

**(Regular & Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday<br>10-12-2026 | 02.00 PM<br>to<br>05.00 PM | AC-MJ-631T | Analytical Method Development and Extraction Techniques |
| Friday<br>11-12-2026 | 02.00 PM<br>to<br>05.00 PM | AC-MJ-632T | Advanced Chromatographic Methods of Analysis |
| Monday<br>14-12-2026 | 02.00 PM<br>to<br>04.00 PM | AC-MJ-633T | Electrochemical and Thermogravimetric Methods of Chemical Analysis |
| Tuesday<br>15-12-2026 | 02.00 PM<br>to<br>05.00 PM | AC-ME-635(A)T | Analytical methods of Food and Controlled Substances |

## Second Year Analytical Chemistry

## Semester-IV

**(Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday<br>10-12-2026 | 10.00 AM<br>to<br>01.00 PM | AC-MJ-641T | Advanced Analytical Spectroscopic Techniques |
| Friday<br>11-12-2026 | 10.00 AM<br>to<br>01.00 PM | AC-MJ-642T | Pharmaceutical Dosage forms and General Methods Analysis |
| Monday<br>14-12-2026 | 10.00 AM<br>to<br>01.00 PM | AC-ME-644(A)T | Analytical Chemistry of Agriculture, Polymer and Detergents |

## First Year Botany

## Semester-I

**(Regular & Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday 03-12-2026 | 10:00 AM to 01:00 PM | BO-MJ-511T | Cryptogamic Botany |
| Friday 04-12-2026 | 10:00 AM to 01:00 PM | BO-MJ-512T | Cytogenetics and Plant Breeding |
| Saturday 05-12-2026 | 10:00 AM to 01:00 PM | BO-MJ-513T | Botanical Techniques |
| Monday 07-12-2026 | 10:00 AM to 01:00 PM | BO-ME-515(A)T | Fruit and Vegetable Processing Technology |
| Tuesday 08-12-2026 | 10:00 AM to 01:00 PM | BO-RM-517T | Research Methodology |

## First Year Botany

## Semester-II

**(Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday 03-12-2026 | 02:00 PM to 05:00 PM | BO-MJ-521T | Ecology and Evolution |
| Friday 04-12-2026 | 02:00 PM to 05:00 PM | BO-MJ-522T | Cell and MolecularBiology |
| Saturday 05-12-2026 | 02:00 PM to 05:00 PM | BO-MJ-523T | Computational Botany |
| Monday 07-12-2026 | 02:00 PM to 04:00 PM | BO-ME-525(A)T | Mushroom Cultivation and Biopesticide Technology |

## Second Year Botany

## Semester-III

**(Regular & Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday 10-12-2026 | 02.00 PM to 05.00 PM | BO-MJ-631T | Plant Physiology and Biochemistry |
| Friday 11-12-2026 | 02.00 PM to 05.00 PM | BO-MJ-632T | Developmental Botany and Plant Tissue Culture |
| Monday 14-12-2026 | 02.00 PM to 04.00 PM | BO-MJ-633T | Spermatophyta |
| Tuesday 15-12-2026 | 02.00 PM to 04.00 PM | BO-ME-635(A)T | Seed Science and Technology-I |

## Second Year Botany

## Semester-IV

**(Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday 10-12-2026 | 10.00 AM to 01.00 PM | BO-MJ-641T | Plant Organism Interaction |
| Friday 11-12-2026 | 10.00 AM to 01.00 PM | BO-MJ-642T | Genetic Engineering and Bioinformatics |
| Monday 14-12-2026 | 10.00 AM to 12.00 PM | BO-MJ-644(A)T | Seed Science and Technology-II |

## First Year Zoology

## Semester-I

**(Regular & Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday<br>03-12-2026 | 10:00 AM<br>to<br>01:00 PM | ZO-MJ-511T | Advanced Biochemistry |
| Friday<br>04-12-2026 | 10:00 AM<br>to<br>01:00 PM | ZO-MJ-512T | Advanced Cell Biology |
| Saturday<br>05-12-2026 | 10:00 AM<br>to<br>01:00 PM | ZO-MJ-513T | Comparative Embryology |
| Monday<br>07-12-2026 | 10:00 AM<br>to<br>01:00 PM | ZO-MJ-514T | Medical Entomology |
| Tuesday<br>08-12-2026 | 10:00 AM<br>to<br>01:00 PM | ZO-MJ-515T | English in Scientific Communication |
| Wednesday<br>09-12-2026 | 10:00 AM<br>to<br>12:00 PM | ZO-ME-518(B)T | Fresh Water Zoology |
| Thursday<br>10-12-2026 | 10:00 AM<br>to<br>01:00 PM | ZO-RM-520T | Research Methodology |

## First Year Zoology

## Semester-II

**(Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday 03-12-2026 | 02:00 PM to 05:00 PM | ZO-MJ-521T | Molecular Biology |
| Friday 04-12-2026 | 02:00 PM to 05:00 PM | ZO-MJ-522T | Comparative Endocrinology |
| Saturday 05-12-2026 | 02:00 PM to 05:00 PM | ZO-MJ-523T | Comparative Animal Physiology |
| Monday 07-12-2026 | 02:00 PM to 05:00 PM | ZO-MJ-524T | Biochemical Techniques |
| Tuesday 08-12-2026 | 02:00 PM to 05:00 PM | ZO-MJ-525T | Integrated Pest Management |
| Wednesday 09-12-2026 | 02:00 PM to 05:00 PM | ZO-ME 528(A)T | Medical Parasitology |

## Second Year Zoology

## Semester-III

**(Regular & Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday 10-12-2026 | 02.00 PM to 05.00 PM | ZO-MJ-631T | Entomology-I |
| Friday 11-12-2026 | 02.00 PM to 04.00 PM | ZO-MJ-632T | Physiology of Reproduction |
| Monday 14-12-2026 | 02.00 PM to 04.00 PM | ZO-MJ-633T | Insect Physiology and Biochemistry |
| Tuesday 15-12-2026 | 02.00 PM to 04.00 PM | ZO-MJ-634T | Immunology |
| Wednesday 16-12-2026 | 02.00 PM to 04.00 PM | ZO-ME-638(B)T | Animal Behavior |

## Second Year Zoology

## Semester-IV

**(Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday 10-12-2026 | 10.00 AM to 01.00 PM | ZO-MJ-641T | Entomology-II |
| Friday 11-12-2026 | 10.00 AM to 12.00 PM | ZO-MJ-642T | Ecology and Evolution |
| Monday 14-12-2026 | 10.00 AM to 12.00 PM | ZO-MJ-643T | Environmental Biology |
| Tuesday 15-12-2026 | 10.00 AM to 12.00 PM | ZO-MJ-644T | Wildlife management and Conservation |
| Wednesday 16-12-2026 | 10.00 AM to 12.00 PM | ZO-ME-647(A)T | Applied Entomology |

## First Year Geography

## Semester-I

**(Regular & Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday 03-12-2026 | 10:00 AM to 01:00 PM | GE-MJ 511T | Principles of Geomorphology |
| Friday 04-12-2026 | 10:00 AM to 01:00 PM | GE-MJ 512T | Principles of Population Geography |
| Saturday 05-12-2026 | 10:00 AM to 01:00 PM | GE-ME 516T | Agriculture Geography |
| Monday 07-12-2026 | 10:00 AM to 01:00 PM | GE-RM 517T | Research Methodology in Geography |

## First Year Geography

## Semester-II

**(Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday 03-12-2026 | 02:00 PM to 05:00 PM | GE-MJ-521T | Principles of Climatology |
| Friday 04-12-2026 | 02:00 PM to 05:00 PM | GE-MJ-522T | Principles of Economic Geography |
| Saturday 05-12-2026 | 02:00 PM to 05:00 PM | GE-MJ-523T | Geography of Tourism |
| Monday 07-12-2026 | 02:00 PM to 05:00 PM | GE-ME-526T | Industrial Geography |

## Second Year Geography
## Semester-III
**(Regular & Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday 10-12-2026 | 02.00 PM to 05.00 PM | GE-MJ 631T | Principles of Geographic Information System |
| Friday 11-12-2026 | 02.00 PM to 05.00 PM | GE-MJ 632T | Geographical Thoughts |
| Monday 14-12-2026 | 02.00 PM to 05.00 PM | GE-ME 635T | Oceanography |

## Second Year Geography
## Semester-IV
**(Backlog)**

| Day and Date | Time | Course Code | Course Name |
|---|---|---|---|
| Thursday 10-12-2026 | 10.00 AM to 12.00 PM | GE-MJ-641T | Introduction to Remote Sensing |
| Friday 11-12-2026 | 10.00 AM to 01.00 PM | GE-MJ-642T | Geography of India |
| Monday 14-12-2026 | 10.00 AM to 12.00 PM | GE-MJ-643T | Watershed Management |
| Tuesday 15-12-2026 | 10.00 AM to 12.00 PM | GE-ME-646T | Geography of Rural Development |

Controller of Examination
R. B. Narayanrao Borawake College,
Shrirampur Dist. Ahilyanagar

Principal
R. B. Narayanrao Borawake College,
Shrirampur Dist. Ahilyanagar

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