

**SHRI GURU RAM RAI UNIVERSITY, PATELNAGAR, DEHRADUN-248001  
(UTTARAKHAND)**

**DATE SHEET: ESE- Examination May-2023 School of Basic and Applied Sciences  
M.Sc. II Semester**

**Time: - 2:00PM to 4:30 PM**

<b>Program</b>	<b>Date of Exam</b>	<b>Day of Exam</b>	<b>Subject Code</b>	<b>Subject Name</b>
MSC ZOOLOGY	03 May 2023	Wednesday	MZOC201	Biotechnology and Microbiology
MSC MICROBIOLOGY			MMBC201	Microbial Physiology and Metabolism
MSC CHEMISTRY			MCHC201	Inorganic Chemistry II
MSC GEOLOGY			MGLC201	Crystallography
MSC PHYSICS			MPHC201	Atomic and Molecular Physics
MSC BIOTECHNOLOGY			MBTC 201	Immunology
MSC BOTANY			MBOC201	Plant Development and Reproductive Biology
MSC MATHEMATICS			MMTC201	Abstract Algebra- II
M.Sc. EVS			MESC 201	Environmental Monitoring and Pollution Control
MSC ZOOLOGY	06 May 2023	Saturday	MZOC202	Higher Non-Chordata
MSC MICROBIOLOGY			MMBC202	Immunology
MSC CHEMISTRY			MCHC202	Organic Chemistry II
MSC GEOLOGY			MGLC202	Geotectonics

MSC PHYSICS			MPHC202	Solid State Physics		
MSC BIOTECHNOLOGY			MBTC 202	Microbiology & Microbial Genetics		
MSC BOTANY			MBOC202	Resource Utilization, IPR and Ethnobotany		
MSC MATHEMATICS			MMTC202	Discrete structures		
M.Sc. EVS			MESC 202	Energy Resources and Management		
MSC ZOOLOGY	08 May 2023	Monday	MZOC203	Animal Physiology and Toxicology		
MSC MICROBIOLOGY			MMBC203	BIOLOGICAL TECHNIQUES		
MSC CHEMISTRY			MCHC203	Physical Chemistry II		
MSC GEOLOGY			MGLC203	Micropaleontology, Vertebrate Paleontology and Palaeobotany		
MSC PHYSICS			MPHC203	Statistical Physics		
MSC BIOTECHNOLOGY			MBTC 203	Molecular Endocrinology & Enzymology		
MSC BOTANY			MBOC203	Cytogenetics and Molecular Biology		
MSC MATHEMATICS			MMTC203	Operations Research II		
M.Sc. EVS			MESC 203	Environmental Microbiology and Environmental Biotechnology		
MSC ZOOLOGY			10 May 2023	Wednesday	MZOC204	Developmental Biology
MSC MICROBIOLOGY					MMBC204	Recombinant DNA Technology
MSC CHEMISTRY					MCHC204	Spectroscopy and separation methods
MSC GEOLOGY	MGLC204	Stratigraphy				

MSC PHYSICS			MPHC204	Quantum Mechanics
MSC BOTANY			MBOC204	Plant Breeding and Biostatistics
MSC MATHEMATICS			MMTC204	Real Analysis
MSC BIOTECHNOLOGY			MBTC 204	Biomaths,Bioststs,computers Programming &Applications.
M.Sc. EVS			MESC 204	Freshwater Ecology
MSC MATHEMATICS	12 May 2023	Friday	MMTC205	Topology I

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**B.Sc. II Semester**

**Time: - 10.00 AM to 12:30 PM**

<b>Program</b>	<b>Date of Exam</b>	<b>Day of Exam</b>	<b>Subject Code</b>	<b>Subject Name</b>
<b>B.Sc- Biotechnology Hons</b>	02 May 2023	Tuesday	BITMC 201/HBTC 201	Mammalian Physiology
	04 May 2023	Thursday	BITMC 203/ HBTC 202(Back)	Plant Physiology
	09 May 2023	Tuesday	BITME 205a / HBTG 203 (Back)	Entrepreneurship Development
	11 May 2023	Thursday	BITVC 208	Anthropology in Disaster Management
<b>B.Sc- Microbiology Hons</b>	04 May 2023	Thursday	MICMC 201	Immunology
	06 May 2023	Saturday	MICMC 202	Microbial Physiology & Metabolism
	08 May 2023	Monday	MICME 203a	Biological Techniques
	10 May 2023	Wednesday	MICVC 205	Microbial Genetics
<b>B.Sc. Physics</b>	04 May 2023	Thursday	PHYMC201/ BPHC 201(Back)	Electricity & Magnetism
<b>B.Sc. Chemistry</b>	02 May 2023	Tuesday	CHEMC201/CHEME201	Fundamentals of Chemistry-II
<b>B.Sc. Mathematics</b>	08 May 2023	Monday	MATME201/ BMTC 201(back)	Differential Equations
<b>B.Sc. Physics</b>	10 May 2023	Wednesday	PHYVC204	Electronics Instrumentation Skills
<b>B.Sc. Geology</b>	02 May 2023	Tuesday	GELMC201/ BGLC 201(back)	Crystallography & Mineralogy

<b>B.Sc. Zoology</b>	06 May 2023	Saturday	ZOUMC201	Genetics and Cell Biology
<b>B.Sc. Botany</b>	08 May 2023	Monday	BOTMC201	Pteridophytes, Gymnosperms and Angiosperms
<b>B.Sc. Botany</b>	10 May 2023	Wednesday	BOTVC204	Conservation and Management of Biodiversity
<b>Open Elective</b>	12 May 2023	Friday	MICOE 204	Introduction and Scope of Microbiology-II
<b>Open Elective</b>	13 May 2023	Saturday	GELOE001	Geohydrology
<b>Open Elective</b>	12 May 2023	Friday	BOTOE001	Plant Science-I
<b>B.Sc. (All) Back</b>	15 May 2023	Monday	AECC 201	English Communication
<b>B.Sc. (Chemistry) Back</b>	16 May 2023	Tuesday	BCHC 201	Chemical Energetics, Equilibria & Functional group Organic Chemistry
<b>B.Sc. (Zoology) Back</b>	17 May 2023	Wednesday	BZOC 201	Comparative Anatomy and Developmental Biology of Vertebrates
<b>B.Sc. (Botany) Back</b>	18 May 2023	Thursday	BBOC 201	Plant Ecology and Taxonomy
<b>B.Sc. (Microbiology) Back</b>	19 May 2023	Friday	BMBC 201	Biochemistry
			BBTC 201	General Biotechnology
<b>B.Sc. (Biotechnology) Back</b>				

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(UTTARAKHAND)**

**DATE SHEET: ESE- Examination May-2023 School of Basic and Applied Sciences**

**B.Sc. IV sem**

**Time: - 10:00AM to 12:30PM**

<b>Program</b>	<b>Date of Exam</b>	<b>Day of Exam</b>	<b>SubjectCode</b>	<b>Subject Name</b>
B.Sc. (Zoology)	01 May 2023	Monday	BZOC 401	Genetics and Evolutionary Biology
B.Sc. (Botany)	04 May 2023	Thursday	BBOC401	Plant Physiology and Metabolism
B.Sc. (Physics)	03 May 2023	Wednesday	BPHC401	Waves and Optics
B.Sc. (Chemistry)	06 May 2023	Saturday	BCHC401	Coordination Chemistry, States of Matter & Chemical Kinetics
B.Sc. (Geology)	06 May 2023	Saturday	BGLC401	Stratigraphy Principles and Indian Stratigraphy
B.Sc. (Mathematics)	09 May 2023	Tuesday	BMTC-401	Algebra
B.Sc. (Microbiology)	08 May 2023	Monday	BMBC 401	Molecular Biology
B.Sc. (Biotechnology )	08 May 2023	Monday	BBTC401	Immunology
B.Sc. Hons. (Biotechnology)	01 May 2023	Monday	HBTC 401	Molecular Biology
	03 May 2023	Wednesday	HBTC 402	Immunology

	06 May 2023	Saturday	HBTC- 403	Chemistry-2
	08 May 2023	Monday	HBTG -404	Generic Elective-Biotechnology and Human Welfare
	10 May 2023	Wednesday	HBTS- 405/406	Enzymology/ Drug Designing
Skill (All Course)	10 May 2023	Wednesday	BB0S4 03	Plant Diversity and Human Welfare
	10 May 2023	Wednesday	BMBS- 402	Microbial Diagnosis in Health Clinics
	10 May 2023	Wednesday	BZOS -402	Aquarium Fish Keeping
	10 May 2023	Wednesday	BBTS -402	Molecular Diagnostics
	12 May 2023	Friday	BMTS-402	Vector Calculus

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**DATE SHEET: ESE- Examination June 2022**  
**School of Basic and Applied Sciences**  
**B.Sc. VI Semester**  
**Time: - 2:00PM to 4:30 PM**

<b>Program</b>	<b>Date of Exam</b>	<b>Day of Exam</b>	<b>SubjectCode</b>	<b>Sube c t Name</b>
B.Sc. (Chemistry)	04 May 2023	Thursday	BCHD-603	Molecules of Life
B.Sc. (Geology)	04 May 2023	Thursday	BGLD-601	Elements of Applied Geology & Photo Geology
B.Sc. ( Botany )	02 May 2023	Tuesday	BBOD-604	Genetics and Plant Breeding
B.Sc. (Physic s)	01 May 2023	Monday	BPHD-601	Solid State Physics



B.Sc. (Mathematics)	08 May 2023	Monday	BMTD-602	Complex Analysis
B.Sc. (Microbiology)	09 May 2023	Tuesday	BMBD-602	Plant Pathology
B.Sc. (Biotechnology)	09 May 2023	Tuesday	BBTD-602	Environmental Biotechnology
B.Sc. (Zoology)	11 May 2023	Thursday	BZOD-602	Immunology
B.Sc. Hons. (Biotechnology)	04 May 2023	Thursday	HBTC601	Bio Analytical tools
	06 May 2023	Saturday	HBTC602	Genomics and Proteomics
	08 May 2023	Monday	HBTD605	Biostatistics
	10 May 2023	Wednesday	HBTD-608	Environmental Biotechnology
<b>B.Sc. (Skill All)</b>	12 May 2023	Friday	BBTS 605	Cell and tissue culture

			BMBS605	Food Fermentation Techniques
			BZOS604	Cell Biology
			BBOS606	Biofertilizer
	13 May 2023	Saturday	BGLS602	Remote sensing and Photogeology
			BPHS603	Electronics II (Amplifiers and Oscillators)

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**DATE SHEET: ESE- Examination June2022**

**School of Basic and Applied Sciences**

**M.Sc. IV Semester**

**Time: - 10:00AM to 12:30 PM**

<b>Program</b>	<b>Date of Exam</b>	<b>Day of Exam</b>	<b>Subject Code</b>	<b>Subject Name</b>
MSC ZOOLOGY	02 May 2023	Tuesday	<b>MZOC401</b>	<b>Ecology and Wild Life</b>
MSC MICROBIOLOGY			<b>MMBC402</b>	<b>EPIDEMIOLOGY</b>
MSC CHEMISTRY			<b>MCHC401</b>	<b>Chemistry of Natural Product</b>
MSC GEOLOGY			<b>MGLC401</b>	<b>Geohydrology</b>
MSC PHYSICS			<b>MPHC-401</b>	<b>Computational Physics</b>
MSC BIOTECHNOLOGY			<b>MBTC 401</b>	<b>Cell and Tissue culture</b>
MSC BOTANY			<b>MBOC401</b>	<b>Conservation Biology</b>
MSC MATHEMATICS			<b>MMTC- 401</b>	<b>Measure and Integration</b>
MSC ZOOLOGY	04 May 2023	Thursday	<b>MZOC402</b>	<b>Immunology &amp; Biochemistry</b>

MSC MICROBIOLOGY			<b>MMBE403a</b>	<b>BEVERAGES BIOTECHNOLOGY</b>
MSC CHEMISTRY			<b>MCHE411</b>	<b>Environmental Chemistry</b>
MSC GEOLOGY			<b>MGLC402</b>	<b>Ore Genesis and Indian mineral deposits</b>
MSC PHYSICS			<b>MPHC402</b>	<b>Particle Physics</b>
MSC BIOTECHNOLOGY			<b>MBTC 402</b>	<b>Environmental Biotechnology &amp; Bioprocess Engineering</b>
MSC BOTANY			<b>MBOC402</b>	<b>Biotechnology and Genetic Engineering of Plants and Microbes</b>
MSC MATHEMATICS			<b>MMTC 402</b>	<b>Fluid Dynamics</b>

