

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

**DATE SHEET: ESE- Examination August 2021
School of Basic and Applied Sciences
M.Sc. II Semester**

Time: - 10.30AM to 1:00 PM

Program	Date of Exam	Day of Exam	Subject Code	Subject Name
MSC ZOOLOGY	29 June 2022	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 & Reproductive Biology
MSC MATHEMATICS			MMTC201	Abstract Algebra- II
MSC ZOOLOGY			1 July 2022	Friday
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	Plant Resource Utilization, IPR and Ethnobotany
MSC MATHEMATICS			MMTC202	Discrete structures
MSC ZOOLOGY	4July 2022- 02-12	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
MSC ZOOLOGY			6July 2022	Wednesday
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 MATHEMATICS	9 July 2022	Saturday	MMTC205	Topology I

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School of Basic and Applied Sciences

B.Sc. II Semester

Time: - 10.30 AM to 1:00 PM

Program	Date of Exam	Day of Exam	Subject Code	Subject Name
B.Sc. (Zoology)	9 June2022	Thursday	BZOC 201	Comparative Anatomy and Developmental Biology of Vertebrates
B.Sc. (Botany)	11June 2022	Saturday	BBOC201	Plant Ecology and Taxonomy
B.Sc. (Physics)			BPHC201	Electricity and Magnetism
B.Sc. (Chemistry)	13June2022	Monday	BCHC201	Chemical Energetics, Equilibria & Functional groupOrganic Chemistry
B.Sc. (Geology)			BGLC201	Mineralogy and Crystallography
B.Sc. (Defence)			BDSC201	Defence Mechanism of India.
B.Sc. (Mathematics)	15 June2022	Wednesday	BMTC-201	Differential Equations
B.Sc. (Microbiology)			BMBC 201	Biochemistry

B.Sc. (Biotechnology)			BBTC 201	General Biotechnology
B.Sc. Hons. (Biotechnology)	17June2022	Friday	HBTC 201	Mammalian Physiology
			BDSC201	Defence Mechanism of India.
	20June2022	Monday	HBTC 202	Plant Physiology
			22June2022	Wednesday
AECC (All Course)	24 June2022	Friday	AECC 201/202/2 03	Environmental Science/English/MIL

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**DATE SHEET: ESE- Examination August 2021
School of Basic and Applied Sciences B.Sc. IV Semester**

Time: - 10.30AM to 1.00PM

Program	Date of Exam	Day of Exam	Subject Code	Subject Name
B.Sc. (Zoology)	9June2022	Thursday	BZOC 401	Genetics and Evolutionary Biology
B.Sc. (Botany)	11June2022	saturday	BBOC401	Plant Physiology and Metabolism
B.Sc. (Physics)			BPHC401	Waves and Optics
B.Sc. (Chemistry)	15June2022	Wednesday	BCHC401	Coordination chemistry, States of Matter & Chemical Kinetics
B.Sc. (Geology)			BGLC401	Stratigraphy and Palaeontology
B.Sc. (Defence)			BDSC401	Evolution of strategic thought
B.Sc. (Mathematics)	17June2022	Friday	BMTC-401	Algebra
B.Sc. (Microbiology)			BMBC 401	Molecular Biology
B.Sc. (Biotechnology)			BBTC401	Immunology

B.Sc. Hons. (Biotechnology)	20June2022	Monday	HBTC 401	Molecular Biology
	22June2022	Wednesday	HBTC 402	Immunology
	25June2022	Saturday	HBTC 403	Chemistry-2
	27June2022	Monday	HBTC 404	Generic Elective-Biotechnology and Human Welfare
	29June2022	Wednesday	HBTS 405/406	Enzymology/ Drug Designing
Skill (All Course)	2July 2022	Saturday	BBOS402/4 03/404	Medicinal Botany/Plant Diversity and Human Welfare/ Intellectual Property Rights
			BMBS 402	Microbial Diagnosis in Health Clinics
			BZOS 402	Pisciculture/Aquarium Fish Keeping
			BBTS 402	Molecular Diagnostics
			BMTS-402	Vector Calculus

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DATE SHEET: ESE- Examination August 2021

School of Basic and Applied Sciences

B.Sc. VI Semester

Time: - 10.30 AM to 1:00 PM

Program	Date of Exam	Day of Exam	Subject Code	Subject name
B.Sc. (Zoology)	9 June2022	Thursday	BZOD- 602	Immunology
B.Sc. (Botany)	11June 2022	Saturday	BBOD- 604	Genetics and Plant Breeding
B.Sc. (Physics)			BPHD- 602	Quantum Mechanics
B.Sc. (Chemistry)	13June20 22	Monday	BCHD- 603	Molecules of Life
B.Sc. (Geology)			BGLD- 601	Elements of Applied Geology & Photo Geology
B.Sc. (Defence)			BDSC601	International relation and organization

B.Sc. (Mathematics)	15 June2022	Wednesday	BMTD- 602	Complex Analysis
B.Sc. (Microbiology)			BMBD- 602	Plant Pathology
B.Sc. (Biotechnology)			BBTD- 602	Environmental Biotechnology
B.Sc. Hons. (Biotechnology)	17June20 22	Friday	HBTC601	Bio Analytical tools
		20June20 22	Monday	HBTC602
B.Sc. Hons. (Biotechnology)	22June20 22	Wednesday	HBTD605	Biostatistics
B.Sc. (Skill All) (Biotech/Micro/Zoology/Botany/Geology/Phy sics/Defense	24June 2022	Friday	BBTS 605	Cell and tissue culture

		BMBS605	Food Fermentation Techniques
		BZOS604	Cell Biology
		BBOS606	Biofertilizer
		BGLS602	Remote sensing and Photo geology
		BPHS603	Electronics II
		BDSS601	Introduction to cyber security

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School of Basic and Applied Sciences

M.Sc. IV Semester

Time: - 10.30AM to 1:00 PM

Program	Date of Exam	Day of Exam	Subject Code	Subject Name
MSC ZOOLOGY	9 June 2022	Thursday	MZOC401	Ecology and Wild Life
MSC MICROBIOLOGY			MMBC402	EPIDEMIOLOGY
MSC CHEMISTRY			MCHC401	Chemistry of Natural Product
MSC GEOLOGY			MGLC401	Geohydrology
MSC PHYSICS			MPHC402	Particle Physics
MSC BIOTECHNOLOGY			MBTC 402	Environmental Biotechnology & Bioprocess Engineering
MSC BOTANY			MBOC401	Conservation Biology
MSC MATHEMATICS			MMTC- 401	Measure and Integration
MSC ZOOLOGY		Saturday	MZOC402	Immunology & Biochemistry
MSC MICROBIOLOGY			MMBE403a,	BEVERAGES BIOTECHNOLOGY
MSC CHEMISTRY			MCHE411	Environmental Chemistry

	11June 2022		
MSC GEOLOGY		MGLC402	Ore Genesis and Indian mineral deposits
MSC PHYSICS		MPHE405	Electronics – B
MSC BIOTECHNOLOGY		MBTC 402	Environmental Biotechnology & Bioprocess Engineering
MSC BOTANY		MBOC402	Biotechnology and Genetic Engineering of Plants and Microbes
MSC MATHEMATICS		MMTC 402	Fluid Dynamics