

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

**Date Sheet -ESE Examination Dec 2022 (Regular +Supplementary Examination)**

**School of Basic and Applied Sciences**

**Time: 2:00PM to 4:30 P.M.**

**Semester: 3<sup>rd</sup>**

<b>Program</b>	<b>Date of Exam</b>	<b>Day of Exam</b>	<b>Subject Code</b>	<b>Subject Name</b>
<b>M.Sc. (Biotechnology)</b>	28/12/2022	Wednesday	MBTC 301	Recombinant DNA Technology & Genomics
	30/12/2022	Friday	MBTC 302	Bioinformatics, Legal Biotechnology & Bio Business Management
	02/01/2023	Monday	MBTE 304	Food and Beverages Biotechnology
	04/01/2023	Wednesday	MBTE308/ MBTE-307	Plant Biotechnology/Pharmaceutical Biotechnology and Drug Designing
<b>M.Sc. (Microbiology)</b>	28/12/2022	Wednesday	MMBC301	Medical Microbiology
	30/12/2022	Friday	MMBC302	Industrial and Pharmaceutical Microbiology
	02/01/2023	Monday	MMBE303	Food and Dairy Microbiology
	04/01/2023	Wednesday	MMBE304(b)	Agricultural Microbiology
<b>M.Sc.(Botany)</b>	28/12/2022	Wednesday	MBOC301	Plant Physiology and Biochemistry
	30/12/2022	Friday	MBOC302	Ecology and Remote Sensing
	02/01/2023	Monday	MBOE 304/ MBOE 306(Back)	Palynology and Pollination Biology
	04/01/2023	Wednesday	MBOE306/ MBOE 308 (Back)	Plant health management

<b>M. Sc (Chemistry)</b>	28/12/2022	Wednesday	MCHC301	Organic Synthesis & Photochemistry
	30/12/2022	Friday	MCHC302	Heterocyclic Chemistry
	02/01/2023	Monday	MCHE313	Bioinorganic, Bioorganic & Biophysical Chemistry
	04/01/2023	Wednesday	MCHE315	Polymers
<b>M.Sc.(Physics)</b>	28/12/2022	Wednesday	MPHC301	Advanced Quantum Mechanics
	30/12/2022	Friday	MPHC302	Nuclear Physics
	02/01/2023	Monday	MPHE304	Condensed Matter Physics /Condensed Matter Physics A (Back)
	04/01/2023	Wednesday	MPHE305	Digital and Communication Electronics / Electronics A (Back)
<b>M.Sc.(Zoology)</b>	28/12/2022	Wednesday	MZOC301	Endocrinology and animal behaviour
	30/12/2022	Friday	MZOC302	Chordata
	02/01/2023	Monday	MZOE303/MZOE 304	General Ichthyology /Entomology I Fish Systematics/ Environmental Biology I (Back)
	04/01/2023	Wednesday	MZOE306/MZOE 307	AppliedIchthyology /Entomology II Fish Physiology and Biochemistry/ Environmental Biology II (Back)
<b>MSc.(Geology)</b>	28/12/2022	Wednesday	MGLC-301	Igneous petrology and Geochemistry
	30/12/2022	Friday	MGLC-302	Engineering Geology
	02/01/2023	Monday	MGLE-304	Sedimentary and metamorphic petrology
	04/01/2023	Wednesday	MGLE-305	Mineral exploration and mining
<b>MSc.(Mathematics)</b>	28/12/2022	Wednesday	MMTC301	Topology-II

	30/12/2022	Friday	MMTC302	Functional Analysis
	02/01/2023	Monday	MMTE303/ MMTE 306 (Back)	Calculus of Variations
	04/01/2023	Wednesday	MMTE304/ MMTE 305 (Back)	Mathematical Statistics
	06/01/2023	Friday	MMTE305/ MMTE 304 (Back)	Differential Geometry

**SHRI GURU RAM RAI UNIVERSITY, PATEL NAGAR, DEHRADUN-248001**  
**(UTTARAKHAND)Date Sheet -ESE Examination Dec-2021 (Regular and**  
**Supplementary)**

**School of Basic and Applied Sciences**

**Time:10:00 A.M. to 12:30 P.M**

**Semester: 5th**

<b>Program</b>	<b>Date of Exam</b>	<b>Day of Exam</b>	<b>Subject Code</b>	<b>Subject Name</b>
<b>B.Sc- BiotechnologyHons</b>	28/12/2022	Wednesday	HBTC-501	Bioprocess Technology
	30/12/2022	Friday	HBTC-502	Recombinant DNA Technology
	03/01/2023	Tuesday	HBTD-504	Animal Biotechnology
	05/01/2022	Thursday	HBTD-507	Plant Biotechnology
<b>B.Sc.(Chemistry)</b>	28/12/2022	Wednesday	BCHD-501	Analytical Methods in Chemistry
<b>B.Sc. Geology</b>	29/12/2022	Thursday	BGLD-501	Economic Geology and Hydrology
<b>B.Sc. (Botany)</b>	30/12/2022	Friday	BBOS-505	Nursery and gardening
<b>B.Sc. Stats</b>	31/12/2022	Saturday	BSTD-501	Demography and Vital Statistics
<b>B.Sc. (Botany)</b>	02/01/2023	Monday	BBOD-501	Economic Botany and Biotechnology
<b>B.Sc. Defence</b>	03/01/2023	Tuesday	BDSC-501	Modern Warfare

<b>B.Sc. Microbiology</b>	03/01/2023	Tuesday	BMBD-502	Industrial and Food Microbiology
<b>B.Sc. (zoology)</b>	04/01/2023	Wednesday	BZOD-503	Animal Behaviour and Ecology
<b>B.Sc. Physics</b>	05/01/2023	Thursday	BPHD-501	Elements of Modern Physics
<b>B.Sc. (Physics)</b>	09/01/2023	Monday	BPHS-503	Electronics-I (Network Theorems Solid state devices, Rectifiers and filters).
<b>B.Sc. (Maths)</b>	07/01/2023	Saturday	BMTD-503	Linear Algebra
<b>B.Sc-Zoology</b>	10/01/2023	Tuesday	BZOS-504	Public Health and Hygiene

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**(UTTARAKHAND) Date Sheet -ESE Examination Dec-2021 (Regular and Supplementary)**

**School of Basic and Applied Sciences**

**Semester: 3 Time: 10:00 A.M. to 12:30 P.M**

<b>B.Sc- Biotechnology Hons</b>	30/12/2022	Friday	HBTC301	Genetics
	02/01/2023	Monday	HBTC302	General Microbiology
	04/01/2023	Wednesday	HBTC303	Chemistry-1
	06/01/2023	Friday	HBTG304	Generic Elective- Bioethics and Biosafety
	09/01/2023	Monday	HBTS306	Molecular Diagnostics
<b>B.Sc. (Chemistry)</b>	29/12/2022	Thursday	BCHC301	Solutions, Phase Equilibrium, Conductance, Electrochemistry & Functional Group Organic Chemistry
<b>B.Sc. Geology</b>	30/12/2022	Friday	BGLC301	Petrology
<b>B.Sc. Biotechnology</b>	02/01/2023	Monday	BBTC 301	General Microbiology
<b>B.Sc. Statistics</b>	02/01/2023	Monday	BSTC-301	Statistical Inference

<b>B.Sc. Microbiology</b>	04/01/2023	Wednesday	BMBC301	Microbial Physiology and Metabolism
<b>B.Sc. Defence</b>	04/01/2023	Wednesday	BDSC301	Fundamentals of India's National Security
<b>B.Sc-Geology</b>	04/01/2023	Wednesday	BGLS302	Skill Enhancement(Geomorphology and Geotectonics)
<b>B.Sc. (Chemistry)</b>	06/01/2023	Friday	BCHS-302	Skill enhancement (Pesticide chemistry)
<b>B.Sc. (Botany)</b>	09/01/2023	Monday	BBOC301	Plant Anatomy and Embryology
<b>B.Sc. Mathematics</b>	10/01/2023	Tuesday	BMTC301	Real Analysis
<b>B.Sc. (zoology)</b>	11/01/2023	Wednesday	BZOC301	Physiology and Bio-chemistry
<b>B.Sc. Physics</b>	12/01/2023	Thursday	BPHC301	Thermal Physics and Statistical Mechanics
<b>B.Sc. Zoology</b>	13/01/2023	Friday	BZOS-302	Pisciculture
<b>B.Sc. Statistics</b>			BSTS-301	Network Analysis & Theory of Sequencing
<b>B.Sc. Defence</b>			BDSS-302	Introduction of Journalism