## University of Mumbai



## 1S01121

Winter 2021

## PROGRAMME - M.Sc. & M.Sc. (Research) (Choice Based) SEMESTER -I

Days and Dates	Time	Paper Code	Paper
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94623	Mathematics: Soft Skills (Old)
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94601	Mathematics: Set Theory And Logic (Rev)
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94735	Mathematics: Algebra I (Rev 2020)
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94602	Physics: Mathematical Methods (Rev)
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94603	Chemistry: Physical Chemistry (Rev)
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94604	BioChemistry: Advanced Bio-Organic Chemistry (Rev)
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94605	Botany: Plant Diversity: Cryptogams - I, (Algae And Fungi)
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94606	Zoology: Non-Chordates, Chordates And Their Phylogeny - I
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94715	Zoology: Non-Chordates (R-2019)
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94607	Geology : Stratigraphy And Geology :Of India
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94608	Microbiology:Cell Biology & Virology
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94719	Microbiology: Molecular Genetics 1 (R-2019)
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94609	Computer Science: Analysis Of Algorithms And Researching
uesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94744	Computer Science: Algorithms for Optimization (R-2021-22)
uesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94612	Environmental Sciences: Ecology And Ecosystem
uesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94613	Biotechnology: BioChemistry:
uesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94723	Biotechnology: BioChemistry (R-2019)
uesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94614	Bioanalytical Science:Different Medicinal Systems, Pharmacognosy & Extraction Techniques
uesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94615	Information Technology:Data Mining

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Days and Dates	Time	Paper Cod	Paper
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94727	Information Technology: Research in Computing (R-2019)
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94616	Herbal Science: Plant Sciences - I
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94617	Bioinformatics: Fundamentals Of Biology
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94618	Nutraceuticals: Food Chemistry: And BioChemistry: (Fcb-I)
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94619	Biodiversity & Wildlife Biodiversity : Global And Indian
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94731	Biodiversity & Wildlife Conservation & Management Biodiversity : Global And Indian (R-2019)
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94620	BioChemistry:Advanced Bio-Organic Chemistry (Old)
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94621	Chemistry: Physical Chemistry(Old)
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94622	Physics:Mathematical Methods (Old)
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94707	Nanoscience & Nanotechnology: Paper I: Essential Physics
Tuesday, 18 January, 2022	03:00 p.m. to 04:00 p.m.	94740	Nanoscience & Nanotechnology: Paper I: Essential Physics (Rev 2020)
Wednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94649	Mathematics: Algebra - ! (Old)
Wednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94625	Mathematics: Algebra - 1 (Rev)
Wednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94736	Mathematics: Analysis - I (Rev 2020)
Vednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94628	Physics: Classical Mechanics (Rev)
Vednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94629	Chemistry: Inorganic Chemistry (Rev)
Vednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94630	BioChemistry: Advanced Instrumentation And Analytical Techniques (Rev)
Vednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94631	Botany: Plant Diversity : Spermatophyta - I (Gymnosperms And Angiosperms)
Vednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94633	Geology : GeoChemistry:
Jednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94634	Microbiology: Microbial Genetics
Jednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94720	Microbiology: Environmental Microbiology & Sustainability (R-2019)
Jednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94635	Computer Science: Advanced Networking Concepts
ednesday, 19 January, 2022	. 03:00 p.m. to 04:00 p.m.	94745	Computer Science: Software Defined Networking (R-2021-22)
ednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94638	Environmental Sciences: Biodiversity
Jednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94639	Biotechnology: Immunology

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Wednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94724	Biotechnology: Immunology (R-2019)
Wednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94640	Bioanalytical Science: Glp,Drug Act And Quality Management
Wednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94641	Information Technology: Distributed System
Wednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94728	Information Technology: Data Science (R-2019)
Wednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94642	Herbal Science: Modern Plant Authentification Techniques
Wednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94643	Bioinformatics: Sequence Analysis & Taxonomy
Wednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94644	Nutraceuticals: Human Nutrition And Physiology Clinical Dietetics (Npc-I)
Wednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94645	Biodiversity & Wildlife BioGeography: & Natural History
Wednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94732	Biodiversity & Wildlife Consevation & Management: Biomes : & Natural History (F 2019)
Wednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94646	BioChemistry: Advanced Instrumentation And Analytical Techniques (Old)
Wednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94647	Chemistry: Inorganic Chemistry (Old)
Wednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.	94648	Physics: Classical Mechanics (Old)
Wednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.		Nanoscience & Nanotechnology: Essential Chemistry
Wednesday, 19 January, 2022	03:00 p.m. to 04:00 p.m.		Nanoscience & Nanotechnology: Essential Chemistry (Rev 2020)
Thursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94672	Mathematics: Analysis - 1 (Old)
Thursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94651	Mathematics: Analysis - I (Rev)
Thursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94737	Mathematics: Complex Analysis (Rev 2020)
Thursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94654	Physics: Quantum Mechanics - I (Rev)
hursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94655	Chemistry: Organic Chemistry (Rev)
hursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.		BioChemistry: Industrial BioChemistry: And Bioinformatics: - I (Rev)
hursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	The second second second	Botany: Plant Physiology
hursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.		Zoology: Genetics, Evolution And Developmental Biology - I
hursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94717	Zoology: Genetics & Evolution (R-2019)
hursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94659 (	Geology : Structural Geology
hursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94660	Microbiology: Microbial BioChemistry:
hursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94721	Microbiology: BioChemistry (R-2019)

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Days and Dates	Time	Paper Co	de Paper	
Thursday, 20 January, 2022	03:00 p.m. to 04:00 p.m	94661	Computer Science: Advanced Database Systems	
Thursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94746	Computer Science: Applied Signal & Image Processing (R-2021-22)	
Thursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94664	Environmental Sciences: Environment And Natural Resources	
Thursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94665	Biotechnology: Molecular Biology	
Thursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94725	Biotechnology: Cell Biology (R-2019	
Thursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94666	Bioanalytical Science: Chromatography An Spectroscopy - I	
Thursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94667	Information Technology: Data Analysis Tool	
Thursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94729	Information Technology: Cloud Computing (R 2019)	
Thursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94668	Herbal Science: Cultivation Practices - I	
Thursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94669	BioChemistry: Industrial BioChemistry (Old	
Thursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94670	Chemistry: Organic Chemistry (Old)	
Thursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94671	Physics: Quantum Mechanics - I (Old)	
Thursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94674	Biodiversity & Wildlife Basics Of Wildlife Biology	
hursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94733	Biodiversity & Wildlife Conservation & Management: Basics of Wildlife Biology (R- 2019)	
hursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94675	Nutraceuticals: Nutraceuticals:And Functional Foods (Nff-I)	
hursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.		Bioinformatics: Biostatistics	
hursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94710	Nanoscience & Nanotechnology: Essential Biology	
hursday, 20 January, 2022	03:00 p.m. to 04:00 p.m.	94742	Nanoscience & Nanotechnology: Essential Mathematics (Rev 2020)	
riday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	Intercovacione and	Physics: Solid State Physics (Rev)	
riday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94681	Chemistry: Analytical Chemistry (Rev)	
iday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94682 E	BioChemistry: Research Methodology, Bio- Statistics & Soft Skills Devvelopment - I	
iday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94683 E	Botany: Cytogenetics, Molecular Biology & Biotechnology:	
iday, 21 January, 2022	03:00 p.m. to 04:00 p.m.		Coology: Tools And Techniques In Biology - I	
iday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94718 Z	oology: Frontiers in Zoology (R-2019)	
day, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94685 G	eology : Mineralogy : Descriptive And	
day, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94686 M	Microbiology: Medical Microbiology: &	

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Days and Dates	Time	Paper Cod	Paper	
Friday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94722	Microbiology: Medical Microbiology: & Microbial Pathogenesis (R-2019)	
Friday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94687	Computer Science: Robotics And Artificial Intelligence	
Friday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94747	Computer Science: Advanced Database Techniques (R-2021-22)	
Friday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94690	Environmental Sciences: Environmental Pollution	
Friday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94691	Biotechnology: Biochemical And Biophysica Techniques	
Friday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94726	Biotechnology: Emerging Technologies & Molecular Diagnostics (R-2019)	
Friday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94692	Bioanalytical Science: Proteomics, Bioinformatics: And	
Friday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94693	Information Technology: Software Testing	
Friday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94730	Information Technology: Soft Computing Techniques (R-2019)	
Friday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94694	Herbal Science: Phytoconstituents - I	
Friday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94695	Bioinformatics: Programming Language & Databases	
Friday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94696	BioChemistry: Research Methodology, Bio- Statistics : & Bio-Informatics (Old)	
Friday, 21 January, 2022	03:00 p.m. to 04:00 p.m.		Chemistry: Analytical Chemistry (Old)	
Friday, 21 January, 2022	03:00 p.m. to 04:00 p.m.		Physics: Solid State Devices (Old)	
Friday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94699	Mathematics: Complex Analysis-I (Old)	
Friday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94677	Mathematics: Complex Analysis (Rev)	
riday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94738	Mathematics: Ordinary Differential Equations (Rev 2020)	
riday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	04701	Biodiversity & Wildlife Planning And Execution Of Field Survyes	
riday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94734	Biodiversity & Wildlife Conservation & Management: Planning Execution of Field Surveys (R-2019)	
riday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94702	Nutraceuticals: Biostatistics, nstrumentation And Biological Evaluation	
riday, 21 January, 2022	03:00 p.m. to 04:00 p.m.	94712	Nanoscience & Nanotechnology: Essential	

03:00 p.m. to 04:00 p.m.

Mumbai - 400 098 7<sup>th</sup> December, 2021

Friday, 21 January, 2022

Monday, 24 January, 2022

Monday, 24 January, 2022

Monday, 24 January, 2022

Dr. Vinod P. Patil Director Board of Examinations & Evaluation

Nanoscience & Nanotechnology: Essential

Mathematics: Discrete Mathematics (Old)

Mathematics: Discrete Mathematics (Rev) Mathematics: Discrete Mathematics (Rev

Mathematics

2020)

Biology (Rev 2020)

94743

94706

94703

94739