



## SHIVAJI UNIVERSITY, KOLHAPUR.

Circular No 325 Winter Session Theory Exam

Draft Programme of M.Sc Part I (Sem I, II) C.B.C.S and NEP

(Course Code 2353,205,2341) Zoology, Organic, Inorganic, Physical, Analytical, Industrial, and Applied Chemistry, Botany, Horizontal Mobility (Bio-Tech, Bio-Chemistry, Environmental-Biotech, Microbiology, Pharmaceutical, Microbiology), Agrochemical & pest Management, Electronics, Computer Science, , Geology General Microbiology Examination of Oct/Nov 2022 to be held in February 2023.

**INSTRUCTION:-** Common instruction as per Circular No SU/Appointment/On Exam/29/dated 01-02-2020 and also available on University Website [www.unishivaji.ac.in](http://www.unishivaji.ac.in)

1. The Centers and Places for Examination for written examination will be as under:

Sr.No	Exam	College /Dept Code	Places/Exam Centre
1	M.Sc Zoology, Computer Sci, Organic, Analytical Physical, Inorganic Chemistry Botany, Electronics, Applied Chemistry, Industrial Chemistry, Phamra-Micro Bio-Tech, Biochem, Micro ,Env-Biotech Agro Chemical and Pest Mgt	264	Shivaji University Science Teaching Department. <b>Campus. KOLHAPUR</b>
2	M. Sc. Analytical Chemistry	31	Rajaram College, <b>Kolhapur</b>
3	M.Sc. Geology	260	Gopal Krishna Gokhale College, <b>Kolhapur</b> Dist-Kolhapur
4	M.Sc Organic Chemistry	01	Vivekanand College, <b>Kolhapur</b> Dist-Kolhapur
5	M.Sc. Physical Chemistry	32	Rajarshri Chh. Shahu College <b>Kadamwadi Kolhapur</b> Dist-Kolhapur
6	M.Sc Botany, Analytical Chemistry, Comp Sci	30	The New college <b>Kolhapur</b>
7	M.Sc. Agrochemical & Pest Management, Organic Chemistry General Microbiology	48	Devachand College, <b>Arjunnagar</b> , Dist- Kolhapur
8	M.Sc Analytical Chemistry	43	Jaysigpur College, JAYSINGPUR, Dist-Kolhapur
9	M. Sc. Botany, Organic Chemistry	38	Dattajirao Kadam Arts, Science & Comers <b>Ichalkaranji</b> Dist -Kolhapur
10	M. Sc. Computer Science, M.Sc Organic Chemistry	03	Shivraj College of Arts, Commerce & D. S. Kadam Science college <b>Gadhinglaj</b> Dist. Kolhapur.
11	M.Sc General Microbiology, Analytical Chemistry	47	Dr. Ghali college Gadhinglaj Dist-Kolhapur
12	M.Sc. Computer Science, . M.Sc. Physical Chemistry	90	Karmveer Bhaurao Patil College, Urun –Islampur. Dist- Sangli
13	M.Sc. Computer Science, , Organic	88	Smt Kusumtai Rajarambapupatil kanya Mahavidyalya <b>Urun-Islampur</b> . Dist-Sangli
14	M.Sc. Computer Science, Zoology, Organic Chem	104	Arts, Commerce & Science College, <b>Palus</b> Dist-sangli

15	M.Sc Organic Chemistry ,Botany,Zoology	92	Padm Bhushan DR. Vasanttrao dada patil Mahavidyalaya, <b>Tasgaon</b> Dist-Sangli
16	M.Sc Analytical, Organic Chemistry, General Microbiology	73	Dr.Patangrao Kadam Mahavidyalaya Sangalwadi Dist-Sangli
17	M.Sc Comp Sci,Electronics,Organic Chemistry,General Microbiology	78	Smt Kasturbai Walchand college <b>Sangli</b> , Dist -Sangli
18	M.SC Organic Chemistry, Electronics, Comp Sci	80	Willingdon College <b>Sangli</b> ,Dist-Sangli
19	M.Sc. Inorganic, Organic, Analytical chemistry,Zoology,General Microbiology	86	Balwant College, <b>Vita</b> Dist-Sangli
20	M.Sc., Analytical Chemistry	436	Shri Yashwantrao Patil ScienceCollege <b>Solankur</b> , Tal- Radhanagri,Dist-Kolhapur
21	M. Sc. Botany	101	Matoshri Bayyabai Shripathrao Kadam Kanya Mahavidyalaya, <b>Kadegaon</b> Dist Sangli
22	M.Sc Botany, Organic Chemistry, Zoology,Electronics	149	Yashwantrao Chavan Institute of Science <b>Satara</b> , Dist-Satara
23	M.Sc. Analytical Chemistry, Zoology,Organic Chemistry	145	Lal Bahadur Shastri college <b>Satara</b>
24	M.Sc. Organic Chemistry	164	Dahiwadi College, <b>Dahiwadi</b> Dist-Satara
25	M.Sc., Analytical Chemistry, Microbiology (CBCS-R),General Microbiology,Botany,Comp Sci,Organic Chemi	158	Yashwantrao Chavan college of Science College, <b>Karad</b> Dist-Satara
26	M.Sc.Zoology ,Computer Sci., Organic Chemistry.	156	Sadguru Gadge Maharaj College <b>Karad</b> Dist-Satara
27	M.Sc., Analytical Chemistry	159	Balasaheb Desai College, <b>Patan</b> Dist-Satara
28	M.Sc., Organic Chemistry,	161	Kissan Veer Mahavidyalaya, <b>Wai</b> . Dist-Satara
29	M.Sc. Analytical Chemistry	94	RajeRamrao Mahavidyalaya <b>Jath</b> DistSangli
30	M.Sc. Analytical Chemistry,Zoology	50	Yashwantrao Chavan WarnaMahavidylaya <b>Warananagar</b> Dist-Kolhapur
31	M.Sc. Analytical Chemistry	162	D.P.Bhosale College <b>Koregaon</b> Dist Satara.
32	M.Sc. Analytical Chemistry	93	Dr.Patangrao Kadam Mahavidyalaya <b>Ramanadnagar(Burli)</b> Kirloskarwadi Tal.Palus Dist Sangali.
33	M.Sc. Analytical,,Organic Chemistry	106	Deshbhakat Anandrao BalwantraoNaik Arts & Science College <b>Chikkali</b> Tal-shirala Dist-Sangli
34	M.Sc. Analytical Chemistry	103	Krantisinh Nana Patil Mahavidyalaya <b>walva</b> TalWalva Dist-Sangli
35	M.sc Organic chemistry	83	Shikshan Maharashi Dr.Bapuji Salunkhe Mahavidyalaya <b>Miraj</b> DistSangli
36	M.Sc General Microbiology	84	Miraj Mahavidyalaya <b>Miraj</b> DistSangli
37	M.Sc Organic Chemistry	51	Bhogawati Mahavidyalaya <b>Kurukali</b> Tal-Karveer Dist-Kolhapur
38	M.Sc. Analytical Chemistry M.Sc Botany	67	M.H.Shinde Mahavidyalaya <b>Tisangi</b> Tal-Gaganbawada Dist-Kolhapur
39	M.Sc. Analytical Chemistry, Organic	429	Padmashree Dr.G.G Jadhav Mahavidyalaya <b>Ganganbawada</b> Dist-Kolhapur
40	M.Sc Organic Chemistry	151	Mudhoji College <b>Phaltan</b> Dist-Satara

### M.Sc Zoology(NEP)

Course code-2353	Branch :- M.Sc Part I :- Sem. I ZOOLOGY (NEP.)			New Revised (NEP) From Oct 2022 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	87872	Biosystematics And Biodiversity	Friday 03-02-2023	From 2.30pm To 5.30pm
CC-102	87873	Ecology And Environmental Pollution	Monday 06-02-2023	
CC-103	87874	Molecular Cell Biology	Wednesday 08-02-2023	
CC-104	87875	Applied Entomology	Friday 10-02-2023	

### M.Sc Zoology

Course code-2341	Branch :- M.Sc Part I :- Sem. I ZOOLOGY (C.B.C.S.)			New Revised From Oct 2019 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	83497	Biosystematics And Biodiversity	Friday 03-02-2023	From 2.30pm To 5.30pm
CC-102	83498	Ecology And Environmental Pollution	Monday 06-02-2023	
CC-103	83499	Molecular Cell Biology	Wednesday 08-02-2023	
CC-104	83500	Applied Entomology	Friday 10-02-2023	

### M.Sc Zoology

Course Code 205	Branch :- M.Sc Part I :- Sem. I ZOOLOGY (C.B.C.S.)			New Revised From Oct 2019 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	74759	Biosystematics And Biodiversity	Friday 03-02-2023	From 2.30pm To 5.30pm
CC-102	74760	Ecology And Environmental Pollution	Monday 06-02-2023	
CC-103	74761	Molecular Cell Biology	Wednesday 08-02-2023	
CC-104	74762	Applied Entomology	Friday 10-02-2023	

### M.Sc Zoology

Course code-2341	Branch :- M.Sc Part I :- Sem. II ZOOLOGY (C.B.C.S.)			New Revised From March 2022Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	84633	Physiological Chemistry	Thursday 02-02-2023	From 10.30am To 1.30pm
CC-202	84628	Bioinstrumentation and Biostatistics	Saturday 04-02-2023	
CC-203	84629	Anatomy and Physiology	Tuesday 07-02-2023	
CC-204	84630	Biology of Parasites	Thursday 09-02-2023	

### M.Sc Zoology

Course Code - 205	Branch :- M.Sc Part I :- Sem. II ZOOLOGY (C.B.C.S.)			New Revised From March 2020 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	77940	Physiological Chemistry	Thursday 02-02-2023	From 10.30am To 1.30pm
CC-202	79228	Bioinstrumentation and Biostatistics	Saturday 04-02-2023	
CC-203	79229	Anatomy and Physiology	Tuesday 07-02-2023	
CC-204	79230	Biology of Parasites	Thursday 09-02-2023	

### M.Sc Computer Science(NEP)

Course code- 2353	Branch –M.Sc Part I-Sem-I Computer Science			New Revised (NEP) From Oct 2022 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	87792	Design and Analysis of Algorithms	Friday 03-02-2023	From 2.30pm To 5.30pm
CC-102	87793	Python Programming	Monday 06-02-2023	
CC-103	87794	Database Management System	Wednesday 08-02-2023	
CC-104	87795	Cyber Security	Friday 10-02-2023	

### M.Sc Computer Science(C.B.C.S)

Course code- 2341	Branch –M.Sc Part I-Sem-I Computer Science( C.B.C.S			New Revised From Oct 2019 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	83414	Design and Analysis of Algorithms	Friday 03-02-2023	From 2.30pm To 5.30pm
CC-102	83415	Python Programming	Monday 06-02-2023	
CC-103	83416	Database Management System	Wednesday 08-02-2023	
CC-104	83417	Cyber Security	Friday 10-02-2023	

### M.Sc Computer Science(C.B.C.S)

Course code-205	Branch –M.Sc Part I-Sem-I Computer Science( C.B.C.S.)			New Revised From Oct 2019 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	74582	Design and Analysis of Algorithms	Friday 03-02-2023	From 2.30pm To 5.30pm
CC-102	74583	Python Programming	Monday 06-02-2023	
CC-103	74584	Database Management System	Wednesday 08-02-2023	
CC-104	74585	Cyber Security	Friday 10-02-2023	

### M.Sc Computer Science(C.B.C.S)

Course code-2341	Branch –M.Sc Part I-Sem-II Computer Science( C.B.C.S.)			New Revised From March 2022Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	84544	Web Technology	Thursday 02-02-2023	From 10.30am To 1.30pm
CC202	84545	Advanced Java	Saturday 04-02-2023	
CC-203	84552	Android Fundamental Development with kotlin	Tuesday 07-02-2023	
<b>Choose Any One of the Following</b>				
CC-204	84553	Software Project Management	Thursday 09-02-2023	
	84554	Data Science Foundations		
	84555	Application Security Analyst		
	84556	Cloud Computing		

### M.Sc Computer Science(C.B.C.S)

Branch –M.Sc Part I-Sem-II Computer Science( C.B.C.S.)				New Revised From March 2020 Exam
Course Code 205				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	79276	Web Technology	Thursday 02-02-2023	From 10.30am To 1.30pm
CC202	79277	Advanced Java	Saturday 04-02-2023	
CC-203	79278	Android Fundamental Development	Tuesday 07-02-2023	
*CC 203	*83077	*Android Fundamental Development with Kotlin		
*From March 2021 For Sem-II Fresh students only				
<b>Choose Any One of the Following</b>				
CC-204	79279	Software Project Management	Thursday 09-02-2023	
	79280	Data Science Foundations		
	79281	Application Security Analyst		
	79282	Cloud computing		

### M.Sc Organic, Inorganic, Analytical,Physical,Industrial,Applied chemistry(NEP)

M.Sc Part-I Sem-I Branch-				New Revised(NEP) From Oct 2022
1) Organic Chemistry 2) Inorganic Chemistry 3) Analytical Chemistry 4) Physical Chemistry 5) Industrial Chemistry 6) Applied Chemistry				Course code-2353
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	87849	Inorganic Chemistry – I	Thursday 02-02-2023	From 10.30am To 1.30pm
CC-102	87850	Organic Chemistry – I	Saturday 04-02-2023	
CC-103	87851	Physical Chemistry – I	Tuesday 07-02-2023	
CC-104	87852	Analytical Chemistry – I	Thursday 09-02-2023	

**M.Sc Organic, Inorganic, Analytical, Physical, Industrial, Applied chemistry**

M.Sc Part-I Sem-I Branch- 1) Organic Chemistry 2) Inorganic Chemistry 3) Analytical Chemistry 4) Physical Chemistry 5) Industrial Chemistry 6) Applied Chemistry				New Revised From <b>Oct-2019</b>
				<b>Course code-2341</b>
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	83399	Inorganic Chemistry – I	Thursday 02-02-2023	From 10.30am To 1.30pm
CC-102	83400	Organic Chemistry – I	Saturday 04-02-2023	
CC-103	83401	Physical Chemistry – I	Tuesday 07-02-2023	
CC-104	83402	Analytical Chemistry – I	Thursday 09-02-2023	

**M.Sc Organic, Inorganic, Analytical, Physical, Industrial, Applied chemistry**

M.Sc Part-I Sem-I Branch- 1) Organic Chemistry 2) Inorganic Chemistry 3) Analytical Chemistry 4) Physical Chemistry 5) Industrial Chemistry 6) Applied Chemistry				New Revised From Oct 2019
				Course code- 205
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	74577	Inorganic Chemistry – I	Thursday 02-02-2023	From 10.30am To 1.30pm
CC-102	74578	Organic Chemistry – I	Saturday 04-02-2023	
CC-103	74579	Physical Chemistry – I	Tuesday 07-02-2023	
CC-104	74580	Analytical Chemistry – I	Thursday 09-02-2023	

**M.Sc Organic, Inorganic, Analytical, Physical, Industrial, Applied chemistry**

M.Sc Part-I Sem-II Branch- 1) Organic Chemistry 2) Inorganic Chemistry 3) Analytical Chemistry 4) Physical Chemistry 5) Industrial Chemistry 6) Applied Chemistry				New Revised From March 2022
				Course Code- 2341
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	84508	Inorganic Chemistry – II	Friday 03-02-2023	From 2.30pm To 5.30pm
CC-202	84509	Organic Chemistry – II	Monday 06-02-2023	
CC-203	84510	Physical Chemistry – II	Wednesday 08-02-2023	
CC-204	84511	Analytical Chemistry – II	Friday 10-02-2023	

**M.Sc Organic, Inorganic, Analytical, Physical, Industrial, Applied chemistry**

M.Sc Part-I Sem-II Branch-		1) Organic Chemistry 2) Inorganic Chemistry 3) Analytical Chemistry 4) Physical Chemistry 5) Industrial Chemistry 6) Applied Chemistry	New Revised From March 2020
			Course Code- 205
Paper No	Paper Code	Paper Name	Day and Date
CC-201	79244	Inorganic Chemistry – II	Friday 03-02-2023
CC-202	79245	Organic Chemistry – II	Monday 06-02-2023
CC-203	79246	Physical Chemistry – II	Wednesday 08-02-2023
CC-204	79247	Analytical Chemistry – II	Friday 10-02-2023
From 2.30pm To 5.30pm			

**M.Sc. Botany (NEP)**

Course code- 2353	M.Sc Part I :- Sem.-I Botany			New Revised(NEP) From Oct 2022 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	87788	Biology And Diversity of Fungi, Algae And Bryophytes	Friday 03-02-2023	From 10.30am To 1.30pm
CC-102	87789	Biology And Diversity of Pteridophytes Gymnosperms and Palaeobotany	Monday 06-02-2023	
CC-103	87790	Plant Ecology And Evolution	Wednesday 08-02-2023	
CC-104	87791	Tools And Techniques	Friday 10-02-2023	

**M.Sc. Botany (C.B.C.S)**

Course code- 2341	M.Sc Part I :- Sem.-I Botany			Revised From Oct 2019 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	83427	Biology And Diversity of Fungi, Algae And Bryophytes	Friday 03-02-2023	From 10.30am To 1.30pm
CC-102	83428	Biology And Diversity of Pteridophytes Gymnosperms and Palaeobotany	Monday 06-02-2023	
CC-103	83429	Plant Ecology And Evolution	Wednesday 08-02-2023	
CC-104	83430	Tools And Techniques	Friday 10-02-2023	

**M.Sc. Botany (C.B.C.S)**

M.Sc Part I :- Sem.-I Botany				Revised From Oct 2019 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	74753	Biology And Diversity of Fungi, Algae And Bryophytes	Friday 03-02-2023	From 10.30am To 1.30pm
CC-102	74754	Biology And Diversity of Pteridophytes Gymnosperms and Palaeobotany	Monday 06-02-2023	
CC-103	74755	Plant Ecology And Evolution	Wednesday 08-02-2023	
CC-104	74756	Tools And Techniques	Friday 10-02-2023	

**M.Sc. Botany (C.B.C.S)**

Course code-2341		M.Sc Part I :- Sem.-II Botany		Revised From March 2022 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	84536	Angiosperm systematic	Thursday 02-02-2023	From 2.30pm To 5.30pm
CC-202	84537	Plant Pathology	Saturday 04-02-2023	
CC-203	84538	Plant Structure Development And Reproduction	Tuesday 07-02-2023	
CC-204	84539	Cell and Molecular Biology	Thursday 09-02-2023	

**M.Sc. Botany (C.B.C.S)**

Course code-205		M.Sc Part I :- Sem.-II Botany		Revised From Oct 2020 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	79269	Angiosperm systematic	Thursday 02-02-2023	From 2.30pm To 5.30pm
CC-202	79270	Plant Pathology	Saturday 04-02-2023	
CC-203	79271	Plant Structure Development And Reproduction	Tuesday 07-02-2023	
CC-204	79272	Cell and Molecular Biology	Thursday 09-02-2023	

**M.Sc. Electronics (NEP)**

Course code- 2353		M.Sc Part I :- Sem.-I Electronics		New Revised(NEP) From Oct 2022 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	87796	Measurement & Instrumentation	Friday 03-02-2023	From 2.30pm To 5.30pm
CC-102	87797	Foundations of Microwave Technology	Monday 06-02-2023	
CC-103	87798	Computer Organization	Wednesday 08-02-2023	
CC-104	87799	Advanced Digital Design	Friday 10-02-2023	

**M.Sc. Electronics (C.B.C.S)**

Course code- 2341		M.Sc Part I :- Sem.-I Electronics		Revised From Oct 2019 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	83444	Measurement & Instrumentation	Friday 03-02-2023	From 2.30pm To 5.30pm
CC-102	83445	Foundations of Microwave Technology	Monday 06-02-2023	
CC-103	83446	Computer Organization	Wednesday 08-02-2023	
CC-104	83447	Advanced Digital Design	Friday 10-02-2023	



**M.Sc. Electronics (C.B.C.S)**

<b>M.Sc Part I :- Sem.-I Electronics</b>				Revised From Oct 2019 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	74589	Measurement & Instrumentation	Friday 03-02-2023	From 2.30pm To 5.30pm
CC-102	74590	Foundations of Microwave Technology	Monday 06-02-2023	
CC-103	74591	Computer Organization	Wednesday 08-02-2023	
CC-104	74592	Advanced Digital Design	Friday 10-02-2023	

**M.Sc. Electronics (C.B.C.S)**

<b>M.Sc Part I :- Sem.-II Electronics</b>				Revised From March 2022Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	84557	Digital Communication	Thursday 02-02-2023	From 10.30am To 1.30pm
CC-202	84558	Advanced Microwave Technology	Saturday 04-02-2023	
CC-203	84559	Advanced Power Electronics	Tuesday 07-02-2023	
CC-204	84560	Optoelectronics	Thursday 09-02-2023	

**M.Sc. Electronics (C.B.C.S)**

<b>M.Sc Part I :- Sem.-II Electronics</b>				Revised From Oct 2020 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	79255	Digital Communication	Thursday 02-02-2023	From 10.30am To 1.30pm
CC-202	79256	Advanced Microwave Technology	Saturday 04-02-2023	
CC-203	79257	Advanced Power Electronics	Tuesday 07-02-2023	
CC-204	79258	Optoelectronics	Thursday 09-02-2023	

**M.Sc. Horizontal Mobility**

<b>M.Sc Part-I Sem I - Biochemistry, Biotechnology, Environmental-Biotech, Microbiology, Pharmaceutical Microbiology</b>				New Revised (NEP) From Oct 2019 Exam	
Paper No	Paper Code	Paper Name	Day and Date	Paper Time	
<b>Any One Of the Following</b>					
CC-101	87784	Cell Biochemistry and Nucleic Acids	Thursday 02-02-2023	From 10.30am To 1.30pm	
	87785	Cell Biology, Microbiology and Virology			
CC-102	87782	Proteins Structure and Functions	Saturday 04-02-2023		
CC-103	87783	Biomolecules	Tuesday 07-02-2023		
<b>Any One Of the Following</b>					
CC-104	87786	Basics of Physiology and Endocrinology	Thursday 09-02-2023		
	87787	Biostatistics and Computer Applications			

### M.Sc. Horizontal Mobility

M.Sc Part-I Sem I - Biochemistry,Biotechnology,Environmental-Biotech,Microbiology,Pharmaceutical Microbiology				Revised From Oct 2019 Exam	
Course code- 2341					
Paper No	Paper Code	Paper Name	Day and Date	Paper Time	
<b>Any One Of the Following</b>					
CC-101	83423	Cell Biochemistry and Nucleic Acids	Thursday 02-02-2023	From 10.30am To 1.30pm	
	83424	Cell Biology, Microbiology and Virology			
CC-102	83420	Proteins Structure and Functions	Saturday 04-02-2023		
CC-103	83421	Biomolecules	Tuesday 07-02-2023		
<b>Any One Of the Following</b>					
CC-104	83425	Basics of Physiology and Endocrinology	Thursday 09-02-2023		
	83426	Biostatistics and Computer Applications			

### M.Sc. Horizontal Mobility

M.Sc Part-I Sem I - Biochemistry,Biotechnology,Environmental-Biotech,Microbiology,Pharmaceutical Microbiology				Revised From Oct 2019 Exam	
				Course code-205	
Paper No	Paper Code	Paper Name	Day and Date	Paper Time	
<b>Choose Any One Of the Following</b>					
CC-101	74569	Cell Biochemistry and Nucleic	Thursday 02-02-2023	From 10.30am To 1.30pm	
	74570	Cell Biology, Microbiology and Virology			
CC-102	74571	Proteins Structure and Functions	Saturday 04-02-2023		
CC-103	74572	Biomolecules	Tuesday 07-02-2023		
<b>Choose Any One Of the Following</b>					
CC-104	74573	Basics of Physiology and Endocrinology	Thursday 09-02-2023		
	74574	Biostatistics and Computer Applications			

### M.Sc. Horizontal Mobility

M.Sc Part-I Sem II - Biochemistry,Biotechnology,Environmental-Biotech,Microbiology,Pharmaceutical Microbiology				New Revised From March 2022Exam
				Course code- 2341
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	84529	Enzymology	Friday 03-02-2023	From 2.30pm To 5.30pm
CC-202	84530	Molecular Biology	Monday 06-02-2023	
CC-203	84531	Bioenergetics	Wednesday 08-02-2023	
CC-204	84532	Tools and Techniques in Bioscience	Friday 10-02-2023	

## M.Sc. Horizontal Mobility

<b>M.Sc Part-I Sem II - Biochemistry,Biotechnology,Environmental-Biotech,Microbiology,Pharmaceutical Microbiology</b>				<b>New Revised From March 2020 Exam</b>
				<b>Course code-205</b>
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	79262	Enzymology	Friday 03-02-2023	From 2.30pm To 5.30pm
CC-202	79263	Molecular Biology	Monday 06-02-2023	
CC-203	79264	Bioenergetics	Wednesday 08-02-2023	
CC-204	79265	Tools and Techniques in Bioscience	Friday 10-02-2023	

### M.Sc. Agrochemical and Pest Management [ NEP.]

<b>course code-2353</b>	<b>M.Sc Part-I Sem-I-Agrochemical and Pest Management ( NEP. )</b>			<b>New Revised(NEP) From Oct-2022 Exam</b>
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	87763	Chemistry Of Pesticides and their formulation-I	Friday 03-02-2023	From 2.30pm To 5.30pm
CC-102	87764	Soil Science Fertilizers and Micronutrients	Monday 06-02-2023	
CC-103	87765	Introductory and Industrial Entomology	Wednesday 08-02-2023	
CC-104	87766	Basic concepts in Plant Pathology	Friday 10-02-2023	

### M.Sc. Agrochemical and Pest Management [ C.B.C.S.]

<b>course code-2341</b>	<b>M.Sc Part-I Sem-I-Agrochemical and Pest Management ( C.B.C.S. )</b>			<b>New Revised From March 2020 Exam</b>
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	83389	Chemistry Of Pesticides and their formulation-I	Friday 03-02-2023	From 2.30pm To 5.30pm
CC-102	83390	Soil Science Fertilizers and Micronutrients	Monday 06-02-2023	
CC-103	83391	Introductory and Industrial Entomology	Wednesday 08-02-2023	
CC-104	83392	Basic concepts in Plant Pathology	Friday 10-02-2023	

### M.Sc. Agrochemical and Pest Management [ C.B.C.S.]

<b>M.Sc Part-I Sem-I-Agrochemical and Pest Management ( C.B.C.S.)</b>				<b>New Revised From Oct 2019 Exam</b>
<b>Course code-205</b>				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	75006	Chemistry Of Pesticides and their formulation-I	Friday 03-02-2023	From 2.30pm To 5.30pm
CC-102	75007	Soil Science Fertilizers and Micronutrients	Monday 06-02-2023	
CC-103	75008	Introductory and Industrial Entomology	Wednesday 08-02-2023	
CC-104	75009	Basic concepts in Plant Pathology	Friday 10-02-2023	

**M.Sc. Agrochemical and Pest Management [ C.B.C.S.]**

M.Sc Part-I Sem-II-Agrochemical and Pest Management ( C.B.C.S. )				New Revised From March 2022 Exam
Course code-2341				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	84494	Chemistry of Pesticides And Their Formulation-II	Thursday 02-02-2023	From 10.30am To 1.30pm
CC-202	84495	Analytical Techniques For Agrochemicals	Saturday 04-02-2023	
CC-203	84496	Economic Entomology	Tuesday 07-02-2023	
CC-204	84497	Agronomy, Seed Technology, Pathology, Weed Science Biostatistics	Thursday 09-02-2023	

**M.Sc. Agrochemical and Pest Management [ C.B.C.S.]**

M.Sc Part-I Sem-II-Agrochemical and Pest Management ( C.B.C.S. )				New Revised From March 2020 Exam
Course code-205				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	79233	Chemistry of Pesticides And Their Formulation-II	Thursday 02-02-2023	From 10.30am To 1.30pm
CC-202	79234	Analytical Techniques For Agrochemicals	Saturday 04-02-2023	
CC-203	79235	Economic Entomology	Tuesday 07-02-2023	
CC-204	79236	Agronomy, Seed Technology, Pathology, Weed Science Biostatistics	Thursday 09-02-2023	

**M.Sc. General Microbiology [NEP.]**

Course code-2353	M.Sc Part-I Sem-I General MICROBIOLOGY			New Revised From Oct 2022Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	87822	Taxonomy And Microbial Diversity	Friday 03-02-2023	From 10.30pm To 1.30pm
CC-102	87823	Virology	Monday 06-02-2023	
CC-103	87824	Genetics And Molecular Biology	Wednesday 08-02-2023	
CC-104	87825	Immunology	Friday 10-02-2023	

**M.Sc. General Microbiology [C.B.C.S.]**

Course code-2341	M.Sc Part-I Sem-I General MICROBIOLOGY			New Revised From Oct 2019 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	83459	Taxonomy And Microbial Diversity	Friday 03-02-2023	From 10.30pm To 1.30pm
CC-102	83460	Virology	Monday 06-02-2023	
CC-103	83461	Genetics And Molecular Biology	Wednesday 08-02-2023	
CC-104	83462	Immunology	Friday 10-02-2023	

**M.Sc. General Microbiology [C.B.C.S.]**

<b>Course code-205</b>	<b>M.Sc Part-I Sem-I General MICROBIOLOGY</b>			<b>Revised From Oct 2019 Exam</b>
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	74557	Taxonomy And Microbial Diversity	Friday 03-02-2023	From 10.30pm To 1.30pm
CC-102	74558	Virology	Monday 06-02-2023	
CC-103	74559	Genetics And Molecular Biology	Wednesday 08-02-2023	
CC-104	74560	Immunology	Friday 10-02-2023	

**M.Sc. General Microbiology [C.B.C.S.]**

<b>Course code-2341</b>	<b>M.Sc Part-II Sem-II General MICROBIOLOGY</b>			<b>From March 2020 Exam</b>
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	84572	Techniques in Microbiology	Thursday 02-02-2023	From 2.30pm To 5.30pm
CC-202	84573	Microbial Physiology Biochemistry and Metabolism	Saturday 04-02-2023	
CC-203	84574	Medical Microbiology	Tuesday 07-02-2023	
CC-204	84575	Microbial Ecology	Thursday 09-02-2023	

**M.Sc. General Microbiology [C.B.C.S.]**

<b>Course code-205</b>	<b>M.Sc Part-II Sem-II General MICROBIOLOGY</b>			<b>From March 2020 Exam</b>
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	74563	Techniques in Microbiology	Thursday 02-02-2023	From 2.30pm To 5.30pm
CC-202	74564	Microbial Physiology Biochemistry and Metabolism	Saturday 04-02-2023	
CC-203	74565	Medical Microbiology	Tuesday 07-02-2023	
CC-204	74566	Microbial Ecology	Thursday 09-02-2023	

**M.Sc. Geology[NEP]**

<b>Course code-2353</b>	<b>M.Sc. Part-I Sem-I Geology</b>			<b>New Revised(NEP) From Oct 2022 Exam</b>
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	87826	Mineralogy Optics And Crystallography	Friday 03-02-2023	From 2.30pm To 5.30pm
CC-102	87827	Igneous Petrology	Monday 06-02-2023	
CC-103	87828	Metamorphic petrology	Wednesday 08-02-2023	
CC-104	87829	Sedimentary Petrology	Friday 10-02-2023	

**M.Sc. Geology[C.B.C.S.]**

Course code-2341	M.Sc. Part-I Sem-I Geology			Revised From Oct 2019 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	83464	Mineralogy Optics And Crystallography	Friday 03-02-2023	From 2.30pm To 5.30pm
CC-102	83465	Igneous Petrology	Monday 06-02-2023	
CC-103	83466	Metamorphic petrology	Wednesday 08-02-2023	
CC-104	83467	Sedimentary Petrology	Friday 10-02-2023	
Course code-205	M.Sc. Part-I Sem-I Geology			Revised From Oct 2019 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-101	74747	Mineralogy Optics And Crystallography	Friday 03-02-2023	From 2.30pm To 5.30pm
CC-102	74748	Igneous Petrology	Monday 06-02-2023	
CC-103	74749	Metamorphic petrology	Wednesday 08-02-2023	
CC-104	74750	Sedimentary Petrology	Friday 10-02-2023	

**M.Sc. Geology[C.B.C.S.]**

Course code-2341	M.Sc. Part-I Sem-II Geology			New Revised From March 2022 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	84579	Structural Geology and Geotectonics	Thursday 02-02-2023	From 10.30pm To 1.30pm
CC-202	84580	Stratigraphy and Palaeontology	Saturday 04-02-2023	
CC-203	84581	Economic Geology	Tuesday 07-02-2023	
CC-204	84582	Remote sensing and Geomorphology	Thursday 09-02-2023	
Course code-205	M.Sc. Part-I Sem-II Geology			New Revised From March 2020 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
CC-201	79238	Structural Geology and Geotectonics	Thursday 02-02-2023	From 10.30pm To 1.30pm
CC-202	79239	Stratigraphy and Palaeontology	Saturday 04-02-2023	
CC-203	79240	Economic Geology	Tuesday 07-02-2023	
CC-204	79241	Remote sensing and Geomorphology	Thursday 09-02-2023	

**Note:- In Case of any Query found in respective Question Paper ,Student shall communicate the same through Principal/Senior supervisor within 07 days from the date of concerned Question paper to, Deputy Registrar Appointment section Room No.205 Exam Building No.1 Shivaji University,Kolhapur-416004**

s/d

**Vidyanagar,  
Kolhapur-416004  
Date :- -07-01-2023**

**Dr. Ajitsinh N Jadhav  
Director  
Board of Examinations And Evaluation**



