



# SHIVAJI UNIVERSITY, KOLHAPUR

## Final Programme Circular No.261 Exam March/April 2024 Faculty:- Science & Technology

Final programme of M.Sc Part-I Sem-I & II NEP and CBCS Zoology, Organic, Inorganic, Analytical, Physical, Industrial and Applied Chemistry, Botany, Horizontal Mobility (Bio-Tech, Bio-Chemistry, Environmental Biotechnology, Microbiology, Pharmaceutical Microbiology) Agrochemical and Pest Management, Electronics, Computer Science, Geology, General Microbiology, Biotechnology (Entire) (Course Code 2353,2375), Examination of Mar/Apr. 2024 to be held in Apr./May 2024.

**INSTRUCTION:-** 1) Date of Commencement as per Circular No.SU/Appointment/RVC/55 dt.20.01.2024  
2) 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. Campus. KOLHAPUR
2	M. Sc. Analytical Chemistry	31	Rajaram College, Kolhapur
3	M.Sc. Geology	260	Gopal Krishna Gokhale College, Kolhapur Dist-Kolhapur
4	M.Sc Organic Chemistry	01	Vivekanand College, Kolhapur Dist-Kolhapur
5	M.Sc. Physical Chemistry	32	Rajarshri Chh. Shahu College Kadamwadi Kolhapur Dist-Kolhapur
6	M.Sc Botany, Analytical Chemistry, Comp Sci	30	The New college Kolhapur
7	M.Sc. Agrochemical & Pest Management, Organic Chemistry General Microbiology	48	Devachand College, Arjunnagar, 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 Ichalkaranji Dist -Kolhapur
10	M. Sc. Computer Science, M.Sc Organic Chemistry	03	Shivraj College of Arts, Commerce & D. S. Kadam Science college Gadhinglaj Dist. Kolhapur.
11	M.Sc General Microbiology, Analytical Chemistry	47	Dr. Ghali college Gadhinglaj Dist-Kolhapur
12	M.Sc. Computer Science, M.Sc. Physical, Analytical Chemistry	90	Karmveer Bhaurao Patil College, Urun -Islampur. Dist- Sangli
13	M.Sc. Computer Science, , Organic	88	Smt Kusumtai Rajarambapupatil kanya Mahavidyalya Urun-Islampur. Dist-Sangli
14	M.Sc. Computer Science, Zoology, Organic Chem	104	Arts, Commerce & Science College, Palus Dist-sangli

15	M.Sc Organic Chemistry ,Botany,Zoology	92	Padm Bhushan DR. Vasantao 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 ofScience 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 Organic Chemistry	151	Mudhoji College <b>Phaltan</b> Dist-Satara

### M.Sc Zoology(NEP)

<b>Course code- 2353 Branch :- M.Sc Part I :- Sem. I ZOOLOGY (NEP.)</b>			
<b>New Revised (NEP) From Oct 2022 Exam</b>			
Paper Time From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-101	87872	Biosystematics And Biodiversity	Tuesday 23-04-2024
CC-102	87873	Ecology And Environmental Pollution	Thursday 25-04-2024
CC-103	87874	Molecular Cell Biology	Saturday 27-04-2024
CC-104	87875	Applied Entomology	Monday 29-04-2024

### M.Sc Zoology(NEP 2020)

<b>Course Code 2375 Branch :- M.Sc Part I :- Sem. I ZOOLOGY New Revised From Oct 2023 Exam</b>			
Paper Time : From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
<b>Major Mandatory Paper</b>			
MMT – 101	92449	Molecular Cell Biology	Tuesday 23-04-2024
MMT- 102	92450	Applied Entomology	Thursday 25-04-2024
<b>Research Methodology</b>			
RM	90923	Research Methodology	Saturday 27-04-2024
<b>Choose any one from Major Elective Paper</b>			
M ET -104	92451	Molecular Biology of the Gene	Monday 29-04-2024
	92452	Animal Physiology	
	92453	Basic Entomology	
	92454	Fisheries Resources :Inland and Marine Fisheries	
	92455	General Sericulture and Mulberry Cultivation	

### M.Sc Zoology (NEP)

<b>Course code- 2353 Branch :- M.Sc Part I :- Sem. II ZOOLOGY NEP New Revised From March 2023 Exam</b>			
Paper Time From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-201	90204	Physiological Chemistry	Wednesday 24-04-2024
CC-202	90205	Bioinstrumentation and Biostatistics	Friday 26-04-2024
CC-203	90206	Anatomy and Physiology	Tuesday 30-04-2024
CC-204	90207	Biology of Parasites	Thursday 02-05-2024

### M.Sc Zoology (NEP)

<b>Course code-2375 Branch :- M.Sc Part I :- Sem. II ZOOLOGY (C.B.C.S.)</b>			
<b>New Revised From March 2024 Exam</b>			
Paper Time From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
MMT -201	94655	Physiological Chemistry	Wednesday 24-04-2024
MMT- 202	94656	Anatomy and Physiology	Friday 26-04-2024
<b>Choose any one from Major Elective Paper</b>			
M ET-203	94657	Development Biolgy	Tuesday 30-04-2024
	94658	Aplied Physiology	
	94659	Agricultural Entomology	
	94660	Fish Pathology and Reproductive Endocrinology	
	94661	Silkworm Biology and Rearing Rechnology	

### 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 Time From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-101	87792	Design and Analysis of Algorithms	Tuesday 23-04-2024
CC-102	87793	Python Programming	Thursday 25-04-2024
CC-103	87794	Database Management System	Saturday 27-04-2024
CC-104	87795	Cyber Security	Monday 29-04-2024

### M.Sc Computer Science (NEP 2020)

Course code-2375 Branch –M.Sc Part I-Sem-I Computer Science New Revised From Oct 2023 Exam Paper Time From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
<b>Major Mandatory Paper</b>			
MMT-101	92348	Design and Analysis of Algorithms	Tuesday 23-04-2024
MMT-104	92351	Web Design	Thursday 25-04-2024 (Paper Time : 2.30 pm to 4.30 pm)
MMT -102	92349	Advanced Database Management Systems	Saturday 27-04-2024
<b>Research Methodology</b>			
RM- 106	90924	Research Methodology	Monday 29-04-2024
<b>Major Elective paper</b>			
MET 105	92352	Cyber Security	Friday 03-05-2024
	92353	Cloud Computing	

### M.Sc Computer Science(NEP)

Course code-2353 Branch –M.Sc Part I-Sem-II Computer Science New Revised From March 2023 Exam Paper Time From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-201	90106	Web Technology	Wednesday 24-04-2024
CC202	90107	Advanced Java	Friday 26-04-2024
CC-203	90114	Android Fundamental Development with kotlin	Tuesday 30-04-2024
<b>Choose Any One of the Following</b>			
CC-204	90115	Software Project Management	Thursday 02-05-2024
	90116	Data Science Foundations	
	90117	Application Security Analyst	
	90118	Cloud Computing	

### M.Sc Computer Science(NEP)

Course code-2375 Branch –M.Sc Part I-Sem-II Computer Science NEP 2020.) New Revised From March 2024Exam Paper Time From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
MMT -201	94630	Advanced Java	Wednesday 24-04-2024
MMT-202	94631	Artificial Intelligence	Friday 26-04-2024
MMT-204	94633	Angular JS	Tuesday 30-04-2024 (Paper Time : 10.30 am To 12.30 pm)
<b>Major Elective paper</b>			
TCS-205	94634	Image Processing	Thursday 02-05-2024
	94635	Block Chain Technology	

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

<b>Course code-2353 (NEP) From Oct 2022</b>			
Paper Time From 2.30 pm To 5.30 pm			
<b>M.Sc Part-I Sem-I Branch-</b>	1) Organic Chemistry	2) Inorganic Chemistry	3) Analytical Chemistry
	4) Physical Chemistry	5) Industrial Chemistry	6) Applied Chemistry
Paper No	Paper Code	Paper Name	Day and Date
CC-101	87849	Inorganic Chemistry – I	Tuesday 23-04-2024
CC-102	87850	Organic Chemistry – I	Thursday 25-04-2024
CC-103	87851	Physical Chemistry – I	Saturday 27-04-2024
CC-104	87852	Analytical Chemistry – I	Monday 29-04-2024

M.Sc Organic, Inorganic, Analytical, Physical, Industrial, Applied Chemistry (NEP 2020)

<b>Course code-2375 From Oct 2023</b>			
Paper Time From 2.30 pm To 5.30 pm			
<b>M.Sc Part-I Sem-I Branch-</b>	1) Organic Chemistry	2) Inorganic Chemistry	3) Analytical Chemistry
	4) Physical Chemistry	5) Industrial Chemistry	6) Applied Chemistry
Paper No	Paper Code	Paper Name	Day and Date
<b>Major Mandatory</b>			
MMT -102	92119	Inorganic Chemistry – I	Tuesday 23-04-2024
MMT -101	92118	Organic Chemistry – I	Thursday 25-04-2024
<b>Research Methodology</b>			
RM-CH-106	90925	Research Methodology	Saturday 27-04-2024
<b>Choose any one from Major Elective</b>			
MMT -103	92120	Inorganic Chemistry – II	Monday 29-04-2024
	92121	Organic Chemistry – II	
	92122	Physical Chemistry – I	
	92123	Analytical Chemistry – I	

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

<b>Course Code-2353 Revised From March 2023</b>			
Paper Time From 10.30 am To 1.30 pm			
<b>M.Sc Part-I Sem-II Branch-</b>	1) Organic Chemistry	2) Inorganic Chemistry	3) Analytical Chemistry
	4) Physical Chemistry	5) Industrial Chemistry	6) Applied Chemistry
Paper No	Paper Code	Paper Name	Day and Date
CC-201	90163	Inorganic Chemistry – II	Wednesday 24-04-2024
CC-202	90164	Organic Chemistry – II	Friday 26-04-2024
CC-203	90165	Physical Chemistry – II	Tuesday 30-04-2024
CC-204	90166	Analytical Chemistry – II	Thursday 02-05-2024

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

Course Code-2375 New Revised From March 2024 Paper Time From 10.30 am To 1.30 pm			
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
Paper No	Paper Code	Paper Name	Day and Date
<b>Major Mandatory</b>			
MMT-201	94701	Physical Chemistry – II	Wednesday 24-04-2024
MMT-202	94702	Analytical Chemistry – II	Friday 26-04-2024
<b>Major Elective</b>			
M EM-203	94703	Organic Chemistry – III	Tuesday 30-04-2024
	94704	Inorganic Chemistry- III	
	94705	Physical Chemistry – III	
	94706	Analytical Chemistry- III	

## M.Sc. Botany (NEP)

Course code- 2353 M.Sc Part I :- Sem.-I Botany New Revised( NEP) From Oct 2022 Exam Paper Time From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-101	87788	Biology And Diversity of Algae Fungi And Bryophytes	Wednesday 10/04/2024
CC-102	87789	Biology And Diversity of Pteridophytes Gymnosperms and Palaeobotany	Saturday 13/04/2024
CCO-104	87790	Biodiversity :Conservation and Utilization	Tuesday 16/04/2024
CC-103	87791	Tools And Techniques	Friday 19/04/2024

## M.Sc. Botany (NEP 2020)

Course Code-2375 M.Sc Part I :- Sem.-I Botany Revised From Oct 2024 Exam Paper Time From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
<b>Major Mandatory</b>			
MMT - 101	92442	Biology And Diversity of Algae, Fungi And Bryophytes	Wednesday 10/04/2024
MMT - 102	92443	Biology And Diversity of Pteridophytes Gymnosperms and Palaeobotany	Saturday 13/04/2024
MMT - 103	92444	Tools And Techniques	Tuesday 16/04/2024 <b>(Paper Time : 10.30 am to 12.30 pm)</b>
<b>Research Methodology</b>			
RM - 108	93985	Research Methodology	Friday 19/04/2024
<b>Choose any one from Major Elective</b>			
MET- 106.1	92371	Angiosperm Taxonomy: The Evolution and Classification of Angiosperms	Monday 22/04/2024 <b>(Paper Time : 10.30 am To 12.30 pm)</b>
MET -106.2	92372	Cytogenetics and Plant Breeding: Cytogenetics	
MET -106.3	92373	Energy, Ecology, and Environment: Environment and its aspect	
MET -106.4	92374	Mycology and Plant Pathology: Taxonomy of Fungi	
MET -106.5	92375	Plant biotechnology: Plant Tissue Culture	
MET -106.6	92376	Plant Physiology: Advanced Plant physiology and Plant Biochemistry	

### M.Sc. Botany (NEP)

<b>Course code-2353 : M.Sc Part I :- Sem.-II Botany Revised From March 2023 Exam</b> Paper Time From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-201	90100	Angiosperm systematic	Friday 12/04/2024
CC-202	90101	Plant Pathology	Monday 15/04/2024
CC-203	90102	Plant Structure Development And Reproduction	Thursday 18/04/2024
CC-204	90103	Cell and Molecular Biology	Saturday 20/04/2024

### M.Sc. Botany (NEP)

<b>Course code-2375 : M.Sc Part I :- Sem.-II Botany Revised From March 2024 Exam</b> Paper Time From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
<b>Major Mandatory</b>			
MMT-201	94666	Angiosperm systematic	Friday 12/04/2024
MMT-202	94668	Structure, Development and Reproduction of Plants	Monday 15/04/2024 <b>(Paper Time : 2.30 pm to 4.30 pm)</b>
MMT-203	94667	Cell and Molecular Biology	Thursday 18/04/2024
<b>Major Elective - I</b>			
MET-204	94675	Plant Biotechnology Molecular Biotechnology and Genetic Engineering II	Saturday 20/04/2024 <b>(Paper Time : 2.30 pm to 4.30 pm)</b>
	94372	Cytogenetics and Plant Breeding : Plant Breeding	
	94674	Mycology and Plant Patology : Integrated Disease Management	
	94676	Plant Physiology : Plant Growth and Development II	
	94673	Energy, Ecology and Environment : Polulation and Community Ecology II	
	94371	Angiosperm Taxonomy : Modern Trends in Angiosperm Taxonomy II	

### M.Sc. Electronics (NEP)

<b>Course code- 2353 M.Sc Part I :- Sem.-I Electronics New Revised(NEP) From Oct 2022 Exam</b> Paper Time : From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-101	87796	Measurement & Instrumentation	Tuesday 23-04-2024
CC-102	87797	Foundations of Microwave Technology	Thursday 25-04-2024
CC-103	87798	Computer Organization	Monday 29-04-2024
CC-104	87799	Advanced Digital Design	Thursday 02/052024

## M.Sc. Electronics (NEP 2020)

<b>Course code- 2375 M.Sc Part I :- Sem.-I Electronics Revised From Oct 2023 Exam</b>			
Paper Time : From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
<b>Major Mandatory</b>			
MMT- 101	92588	Computer Organization	Tuesday 23-04-2024
MMT- 102	92589	Microwave Technology	Thursday 25-04-2024
MMT- 103	92590	Foundations of Digital Design	Saturday 27/04/2024 <b>(Paper Time : 2.30 pm to 4.30 pm)</b>
<b>Research Methodology</b>			
RM - 106	93986	Research Methodology	Tuesday 30/04/2024
<b>Choose any one from Major Elective paper</b>			
MET - 105	92591	Industrial Automation	Friday 03/05/2024
	92592	Machine Learning	
	92447	Measurements and Instrumentation	

## M.Sc. Electronics (NEP)

<b>Course code-2353 : M.Sc Part I :- Sem.-II Electronics Revised From March 2023 Exam</b>			
Paper Time From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-201	90119	Digital Communication	Wednesday 24/04/2024
CC-202	90120	Advanced Microwave Technology	Friday 26/04/2024
CC-203	90121	Advanced Power Electronics	Monday 29/04/2024
CC-204	90122	Optoelectronics	Thursday 02/05/2024

## M.Sc. Electronics (NEP)

<b>Course code-2375 M.Sc Part I :- Sem.-II Electronics Revised From March 2024 Exam</b>			
Paper Time From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
<b>Major Mandatory</b>			
CC-201	94637	Digital Signal Processing	Wednesday 24/04/2024
CC-202	94638	Architecture and Programming	Friday 26/04/2024
CC-203	94639	Advanced Digital Design	Monday 29/04/2024 <b>(Paper Time : 10.30 am to 12.30 pm)</b>
<b>Mandatory Elective</b>			
CC-204	94642	VHDL Programming	Thursday 02/05/2024
	94643	Digital Communication	
	94344	Satellite Communications	



## M.Sc. Horizontal Mobility NEP

<b>Course code-2353 : M.Sc Part-I Sem I - Biochemistry, Biotechnology, Microbiology, Pharmaceutical Microbiology New Revised(NEP) From Oct 2022 Exam Paper Time : From 10.30 am To 1.30 pm</b>			
Paper No	Paper Code	Paper Name	Day and Date
<b>Any One Of the Following</b>			
CC-101	87784	Cell Biochemistry and Nucleic Acids	Friday 05/04/2024
	87785	Cell Biology, Microbiology and Virology	
CC-102	87782	Proteins Structure and Functions	Monday 08/04/2024
CC-103	87783	Biomolecules	Friday 12/04/2024
<b>Any One Of the Following</b>			
CC-104	87786	Basics of Physiology and Endocrinology	Monday 15/04/2024
	87787	Biostatistics and Computer Applications	

## M.Sc. Horizontal Mobility ( NEP 2020)

<b>Course code-2375 : M.Sc Part-I Sem I - Biochemistry, Biotechnology, Microbiology, Pharmaceutical Microbiology Revised From Oct 2023 Exam Paper Time From 10.30 am To 1.30 pm</b>			
Paper No	Paper Code	Paper Name	Day and Date
<b>Major Mandatory</b>			
MMT 101	92464	Proteins Structure and Functions	Friday 05/04/2024
MMT 102	92465	Biomolecules	Monday 08/04/2024
<b>Research Methodology</b>			
RM 106	93746	Research Methodology	Friday 12/04/2024
<b>Choose Any One from Major Elective</b>			
MET 103	92473	Cell Biochemistry and Nucleic Acids	Monday 15/04/2024
	92474	Taxonomy And Molecular Systematics	
	92475	Advances in Drug and Clinical Research	

## M.Sc. Horizontal Mobility(NEP)

<b>Course code-2353 M.Sc Part-I Sem II - Biochemistry, Biotechnology, Microbiology, Pharmaceutical Microbiology New Revised From March 2023 Exam Paper Time From 10.30 am To 1.30 pm</b>			
Paper No	Paper Code	Paper Name	Day and Date
CC-201	90094	Enzymology	Thursday 18/04/2024
CC-202	90095	Molecular Biology	Wednesday 10/04/2024
CC-203	90096	Bioenergetics	Saturday 13/04/2024
CC-204	90097	Tools and Techniques in Bioscience	Tuesday 16/04/2024

## M.Sc. Horizontal Mobility(NEP)

<b>Course code-2375 M.Sc Part-I Sem II - Biochemistry, Biotechnology, Environmental-Biotech, Microbiology, Pharmaceutical Microbiology New Revised From March 2024 Exam Paper Time From 10.30 am To 1.30 pm</b>			
Paper No	Paper Code	Paper Name	Day and Date
<b>Major Mandatory</b>			
MMT-201	94620	Enzymology	Thursday 18/04/2024
MMT-202	94621	Molecular Biology	Wednesday 10/04/2024
<b>Mandatory Elective</b>			
MET-203	94622	Tools and Techniques in Biological Science	Saturday 13/04/2024

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

<b>Course code- 2353 M.Sc Part-I Sem-I-Agrochemical and Pest Management ( NEP.) New Revised(NEP) From Oct-2022 Exam Paper Time : From 2.30 pm To 5.30 pm</b>			
Paper No	Paper Code	Paper Name	Day and Date
CC-101	87763	Chemistry Of Pesticides and their formulation-I	Tuesday 23/04/2024
CC-102	87764	Soil Science Fertilizers and Micronutrients	Thursday 25/04/2024
CC-103	87765	Introductory and Industrial Entomology	Saturday 27/04/2024
CC-104	87766	Basic concepts in Plant Pathology	Tuesday 30/04/2024

## M.Sc. Agrochemical and Pest Management [ NEP 2020.]

<b>Course code-2375 M.Sc Part-I Sem-I-Agrochemical and Pest Management New Revised From Oct 2023 Exam Paper Time : From 2.30 pm To 5.30 pm</b>			
Paper No	Paper Code	Paper Name	Day and Date
<b>Major Mandatory</b>			
MMT -101	92080	Chemistry of Soil, Pesticides and formulations	Tuesday 23/04/2024
MMT - 102	92081	Introduction to Agronomy and Crop Protection	Thursday 25/04/2024
<b>Research Methodology</b>			
RM – 106	93132	Research Methodology	Saturday 27/04/2024
<b>Major Elective</b>			
MET - 104	92082	Basic Entomology	Tuesday 30/04/2024

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

<b>Course code-2353 M.Sc Part-I Sem-II-Agrochemical and Pest Management (C.B.C.S.) New Revised From March 2023 Exam Paper Time From 10.30 am To 1.30 pm</b>			
Paper No	Paper Code	Paper Name	Day and Date
CC-201	90059	Chemistry of Pesticides And Their Formulation-II	Wednesday 24-04-2024
CC-202	90060	Analytical Techniques For Agrochemicals	Friday 26-04-2024
CC-203	90061	Economic Entomology	Monday 29-04-2024
CC-204	90062	Agronomy, Seed Technology, Pathology, Weed Science Biostatistics	Thursday 02-05-2024

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

<b>Course code-2375 M.Sc Part-I Sem-II-Agrochemical and Pest Management ( C.B.C.S. )</b> <b>New Revised From March 2024Exam</b> Paper Time : From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
<b>Major Mandatory</b>			
MMT-201	94653	Plant Disease and its Management	Wednesday 24-04-2024
MMT-202	94713	Pesticide Formulation and Analytical Techniques for Agrochemistry	Friday 26-04-2024
<b>Mandatory Elective</b>			
MET-203	94654	Economic Entomology	Monday 29-04-2024

**M.Sc. General Microbiology (NEP)**

<b>Course code- 2353 M.Sc Part-I Sem-I General Microbiology</b> <b>New Revised From Oct 2022Exam</b> Paper Time : From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-101	87822	Taxonomy And Microbial Diversity	Tuesday 23-04-2024
CC-102	87823	Virology	Thursday 25-04-2024
CC-103	87824	Genetics And Molecular Biology	Saturday 27-04-2024
CC-104	87825	Immunology	Monday 29-04-2024

**M.Sc. General Microbiology [NEP 2020]**

<b>Course code-2375 M.Sc Part-I Sem-I General MICROBIOLOGY</b> Revised From Oct 2023 Exam Paper Time : From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
<b>Major Mandatory</b>			
MMT - 102	92111	Immunology	Tuesday 23-04-2024
MMT 101	92117	Microbial Systematics	Thursday 25-04-2024
<b>Research Methodology</b>			
RM - 106	91003	Research Methodology	Saturday 27-04-2024
<b>Choose any one from Major Elective</b>			
MME 103	92114	Environmental Microbiology	Monday 29-04-2024
	92112	Biochemistry	
	92113	Microbial Metabolism	

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

<b>Course code-2353 M.Sc Part-I Sem-II General MICROBIOLOGY From March 2023 Exam</b> Paper Time : From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-201	90151	Techniques in Microbiology	Wednesday 24-04-2024
CC-202	90152	Microbial Physiology Biochemistry and Metabolism	Friday 26-04-2024
CC-203	90153	Medical Microbiology	Tuesday 30-04-2024
CC-204	90154	Microbial Ecology	Thursday 02-05-2024

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

<b>Course code-2375 M.Sc Part-I Sem-II General MICROBIOLOGY From March 2024 Exam</b> Paper Time : From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
<b>Major Mandatory</b>			
MMT-201	94651	Genetics and Molecular Biology	Wednesday 24-04-2024
MMT-202	94652	Fermentton Technology	Friday 26-04-2024
<b>Mandatory Elective</b>			
MET-203	94649	Techniques in Microbiology	Tuesday 30-04-2024
	94650	Quality Assurance and Validation in Pharma Setor	
	94711	Microbial Ecology	

### M.Sc. Geology [NEP]

<b>Course code- 2353 : M.Sc. Part-I Sem-I Geology New Revised (NEP) From Oct 2022 Exam</b> Paper Time : From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-101	87826	Mineralogy Optics And Crystallography	Tuesday 23/04/2024
CC-102	87827	Igneous Petrology	Thursday 25/04/2024
CC-103	87828	Metamorphic petrology	Saturday 27/04/2024
CC-104	87829	Sedimentary Petrology	Monday 29/04/2024

### M.Sc. Part-I Sem-I Geology(NEP 2020)

<b>Course code-2375 Revised From Oct 2023 Exam</b> Paper Time : From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
<b>Major Mandatory</b>			
MMT-101	92087	Mineralogy,Optics And Crystallography	Tuesday 23/04/2024
MMT-102	92088	Igneous Petrology	Thursday 25/04/2024
<b>Research Methodology</b>			
RMT 101	93750	Research Methodology	Saturday 27/04/2024
<b>Choose any one from Major Elective</b>			
MET-101	92089	Stratigraphy and Palaetology	Monday 29/04/2024
MET -102	92090	Remote Sensing and Geomorphology	

### M.Sc. Geology[NEP.]

<b>Course code-2353 M.Sc. Part-I Sem-II Geology New Revised From March 2023 Exam</b> Paper Time : From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-201	90157	Structural Geology and Geotectonics	Wednesday 24/04/2024
CC-202	90158	Stratigraphy and Palaeontology	Friday 26/04/2024
CC-203	90159	Economic Geology	Tuesday 30/04/2024
CC-204	90160	Remote sensing and Geomorpholog	Thursday 02/05/2024

## M.Sc. Geology[NEP.]

<b>Course code-2375 M.Sc. Part-I Sem-II Geology New Revised From March 2024 Exam</b>			
<b>Paper Time : From 10.30 am To 1.30 pm</b>			
Paper No	Paper Code	Paper Name	Day and Date
<b>Major Mandatory</b>			
MMT-201	94645	Metamorphic Petrology	Wednesday 24/04/2024
MMT-202	94646	Sedimentary Petrology	Friday 26/04/2024
<b>Mandatory Elective</b>			
MET-203	94712	Mining Geology	Tuesday 30/04/2024
	95030	Geophysics and Exploration Method	

## M.Sc Biotechnology (NEP 2020)

<b>Course code-2375 M.Sc Part-I Sem-I Biotechnology(Entire ) Revised From Oct 2023 Exam</b>			
<b>Paper Time : From 10.30 am To 1.30 pm</b>			
Paper No	Paper Code	Paper Name	Day and Date
<b>Major Mandatory</b>			
MMT-102	92365	Basics in Microbiology	Friday 05/04/2024
MMT-101	92364	Cell Biology	Monday 08/04/2024
<b>Research Methodology</b>			
RM-BTE-106	93982	Research Methodology	Friday 12/04/2024
<b>Choose any one from Major Elective</b>			
MET-103 (A)	92366	Biomolecules and Instrumentations	Monday 15/04/2024
MET-103 (C)	92368	Biostatistics and Computer	
MET-103 (B)	92367	Microbial Diversity and Systematics	

## M.Sc Part-I Sem- II Biotechnology (NEP 2020)

<b>Course code-2375 M.Sc Part-I Sem-II Biotechnology (Entire ) Revised From Marh 2024 Exam</b>			
<b>Paper Time : From 10.30 am To 1.30 pm</b>			
Paper No	Paper Code	Paper Name	Day and Date
<b>Major Mandatory</b>			
MMT-102	94621	Molecular Biology	Tuesday 16/04/2024
MMT-101	94626	Genetics and Immunology	Wednesday 10/04/2024
<b>Mandatory Elective</b>			
MET-103	94627	Cellular Metabolism	Saturday 13/04/2024
	94628	IPR and Bioethics	
	94629	Animal Physiology and Endocrinology	

**Note:- In Case of any Query found in respective Question Paper, Student shall communicate the same through Principal/Senior supervisor within 03 days from the date of concerned Question paper to, Deputy Registrar Appointment section Room No.205 Exam Building No.1 Shivaji University,Kolhapur-416004**

Sd/-

Vidyanagar,  
Kolhapur-416004  
Date :- 11--03-2024

Dr. Ajitsinh N Jadhav  
Director  
Board of Examinations And Evaluation