



SHIVAJI UNIVERSITY, KOLHAPUR

Revised Draft Programme Circular No- 190 Winter Session Theory Exam Oct/Nov- 2024

Faculty: - Science & Technology

Revised Draft 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 2353,2375,12073) Examination of Mar/Apr. 2024 to be held in Oct/Nov- 2024.

INSTRUCTION: - 1) Date of Commencement as per Circular No. SU/Appointment/RVC/638 dt.06.09.2024

2) Common instruction as per Circular No SU/On Exam/29./dated 01-02-2020

and also available on University Website 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,Zoology(Autonoums),Computer Sci, Organic, Analytical Physical, Inorganic Chemistry Botany,Botany(Autonoums 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
	M.Sc Zoology(Autonomous)		Department Of Zoology Autonomous Shivaji University Kolhapur
	M.Sc Botany(Autonomous)		Department Of Botany Autonomous Shivaji University 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 Chemistry	88	Smt Kusumtai Rajarambapupatil kanyaMahavidylya Urun-Islampur .Dist-Sangli
14	M.Sc. Computer Science, Zoology, Organic Chemistry	104	Arts, Commerce & Science College, Palus Dist-sangli

15	M.Sc Organic Chemistry ,Botany, Zoology	92	Padm Bhushan DR. Vasantrao dada patil Mahavidyalya, Tasgaon Dist-Sangli
16	M.Sc Analytical, Organic Chemistry, General Microbiology	73	Dr.Patangrao Kadam Mahavidyalya Sangalwadi Dist- Sangli
17	M.Sc Comp Sci, Electronics, Organic Chemistry, General Microbiology	78	Smt Kasturbai Walchand college Sangli , Dist -Sangli
18	M.SC Organic Chemistry, Electronics, Comp Sci	80	Willingdon College Sangli,Dist-Sangli Exam center:- smt kasturbai walchand college sangli
19	M.Sc. Inorganic, Organic, Analytical chemistry, Zoology, General Microbiology	86	Balwant College, Vita Dist-Sangli Exam Centre:- Adarash College Vita Dist -Sangli
20	M.Sc., Analytical Chemistry	436	Shri Yashwantrao Patil Science College Solankur Tal- Radhanagri,Dist-Kolhapur
21	M. Sc. Botany	101	Matoshri Bayyabai Shripathrao Kadam Kanya Mahavidyalya, Kadegaon Dist Sangli Exam Centre at Department of Botany Shivaji University Kolhapur
22	M.Sc Botany, Organic Chemistry, Zoology, Electronics	149	Yashwantrao Chavan Institute of Science Satara , Dist-Satara
23	M.Sc. Analytical Chemistry, Zoology, Organic Chemistry	145	Lal Bahadur Shastri college Satara
24	M.Sc. Organic Chemistry	164	Dahiwadi College, Dahiwadi Dist-Satara
25	M.Sc., ,Analytical Chemistry, Microbiology (CBCS-R),General Microbiology ,Botany, Comp Sci, Organic Chemistry	158	Yashwantrao Chavan college of Science College, Karad Dist-Satara
26	M.Sc. Zoology ,Computer Sci., Organic Chemistry.	156	Sadguru Gadge Maharaj College Karad Dist-Satara
27	M.Sc., Analytical Chemistry	159	Balasaheb Desai College, Patan Dist-Satara
28	M.Sc., Organic Chemistry,	161	Kissan Veer Mahavidyalaya, Wai . Dist-Satara
29	M.Sc. Analytical Chemistry, Organic Chemistry	94	RajeRamrao Mahavidyalya Jath DistSangli
30	M.Sc. Analytical Chemistry, Zoology	50	Yashwantrao Chavan WanaMahavidylaya Warananagar Dist-Kolhapur
31	M.Sc. Analytical Chemistry	162	D.P.Bhosale College Koregaon Dist Satara.
32	M.Sc. Analytical Chemistry	93	Dr.Patangrao Kadam Mahavidyalya Ramanadnagar(Burli) Kirkoskarwadi Tal.Palus Dist Sangali.
33	M.Sc. Analytical, Organic Chemistry	106	Deshbhakat Anandrao BalwantraoNaik Arts & Science College Chikkali Tal-shirala Dist-Sangli
34	M.Sc. Analytical Chemistry	103	Krantisinh Nana Patil Mahavidyalya walva TalWalva Dist-Sangli
35	M.sc Organic chemistry	83	Shikshan Maharashi Dr.Bapuji Salunkhe Mahavidyalya Miraj DistSangli
36	M.Sc General Microbiology	84	Miraj Mahavidyalya Miraj DistSangli
37	M.Sc Organic Chemistry	51	Bhogawati Mahavidyalya Kurukali Tal-Karveer Dist-Kolhapur
38	M.Sc. Analytical Chemistry M.Sc. Botany	67	M.H.Shinde Mahavidyalya Tisangi Tal-Gaganbawada Dist-Kolhapur Exam Centre for M.Sc. Botany exam at Department of Botany Shivaji University Kolhapur
39	M.Sc Organic Chemistry	151	Mudhoji College Phaltan Dist-Satara
40	M.Sc Organic Chemistry	283	Shrimant Babasaheb Deshmukh Mahavidyalya Atpadi Tal-khanapur-Dist -Sangli
41	M.sc Organic Chemistry, Computer Science	49	karmaveer Hire Arts, Science, Commerce and Education College Gargoti Tal-Bhudhragad Dist-Kolhapur

42	M.Sc Analytical Chemistry	72	Shirpatrao chougule Arts & Science College Malawadi Kotoli Tal-Panhala Dist- Kolhapur
43	M.Sc Analytical Chemistry	167	Smt Meenalben Mehata college Pachgani Tal- Mahabaleshwar Dist- Satara.
44	M.Sc Analytical Chemistry	61	Doodhsakhar Mahavidyalya Bidri (Mauninagar) Tal-Kagal Dist-Kolhapur
45	M.Sc Organic Chemistry M.Sc. Analytical y	429	Padmashree Dr.G.G Jadhav Mahavidyalya Ganganbawada Dist-Kolhapur Exam Centre for M.Sc. Analytical Chemistry exam at Department of Chemistry Shivaji University Kolhapur
46	M.Sc Organic Chemistry	70	R.B. Madkolkar Mahavidyalya Chandgad Dist-Kolhapur
47	M.Sc Organic Chemistry	57	Yashwantrao Chavan Mahavidyalya Halkarni Dist-Kolhapur
48	M.Sc Organic Chemistry	616	Shri R..K.Patil Arts,Commerce and Science college Sankh Tal-Jat Dist-Sangli -
49	M.Sc Organic Chemistry	173	Raja Shripathrao Bhagwantrao Mahavidyalya Aundh Dist – Satara

M.Sc Zoology(NEP)

Last Chance OCT-2024 Course code-2353 Branch :- M.Sc Part I :- Sem.-I 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	87872	Biosystematics And Biodiversity	Tuesday 10-12-2024
CC-102	87873	Ecology And Environmental Pollution	Wednesday 11-12-2024
CC-103	87874	Molecular Cell Biology	Thursday 12-12-2024
CC-104	87875	Applied Entomology	Friday 13-12-2024

M.Sc Zoology(NEP 2020)

Course Code 2375 Branch :- M.Sc Part I :- Sem. I ZOOLOGY New Revised From Oct 2023 Exam			
Paper Time : From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
Major Mandatory Paper			
MMT – 101	92449	Molecular Cell Biology	Tuesday 10-12-2024
MMT- 102	92450	Applied Entomology	Wednesday 11-12-2024
Research Methodology			
RM	90923	Research Methodology	Thursday 12-12-2024
Choose any one from Major Elective Paper			
M ET -104	92451	Molecular Biology of the Gene	Friday 13-12-2024
	92452	Animal Physiology	
	92453	Basic Entomology	
	92454	Fisheries Resources :Inland and Marine Fisheries	
	92455	General Sericulture and Mulberry Cultivation	

M.Sc. Zoology (NEP)

Course code- 2353 Branch :- M.Sc. Part I :- Sem. II ZOOLOGY NEP New Revised From March 2023 Exam			
Paper Time From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-201	90204	Physiological Chemistry	Wednesday 04-12-2024
CC-202	90205	Bioinstrumentation and Biostatistics	Thursday 05-12-2024
CC-203	90206	Anatomy and Physiology	Friday 06-12-2024
CC-204	90207	Biology of Parasites	Saturday 07-12-2024

M.Sc Zoology (NEP)

Course code-2375 Branch :- M.Sc Part I :- Sem. II ZOOLOGY (C.B.C.S.) New Revised From March 2024 Exam

Paper Time From 2.30 pm To 5.30 pm

Paper No	Paper Code	Paper Name	Day and Date
MMT -201	94655	Physiological Chemistry	Wednesday 04-12-2024
MMT- 202	94656	Anatomy and Physiology	Thursday 05-12-2024
Choose any one from Major Elective Paper			
M ET-203	94657	Development Biology	Friday 06-12-2024
	94658	Applied Physiology	
	94659	Agricultural Entomology	
	94660	Fish Pathology and Reproductive Endocrinology	
	94661	Silkworm Biology and Rearing Technology	

M.Sc Computer Science(NEP)

**Course code- 2353 Branch –M.Sc. Part I-Sem-I Computer Science New Revised (NEP) From Oct 2022 Exam
Last Chance OCT-2024**

Paper Time From 10.30 am To 1.30 pm

Paper No	Paper Code	Paper Name	Day and Date
CC-101	87792	Design and Analysis of Algorithms	Tuesday 10-12-2024
CC-102	87793	Python Programming	Wednesday 11-12-2024
CC-103	87794	Database Management System	Thursday 12-12-2024
CC-104	87795	Cyber Security	Friday 13-12-2024

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 No	Paper Code	Paper Name	Day and Date
Major Mandatory Paper			
MMT-101	92348	Design and Analysis of Algorithms	Tuesday 10-12-2024 (Paper Time From 10.30 am To 1.30 pm)
MMT-104	92351	Web Design	Wednesday 11-12-2024 (Paper Time : 10.30 am to 12.00 noon)
MMT -102	92349	Advanced Database Management Systems	Thursday 12-12-2024 (Paper Time From 10.30 am To 1.30 pm)
Research Methodology			
RM- 106	90924	Research Methodology	Friday 13-12-2024 (Paper Time From 10.30 am To 1.30 pm)
Major Elective paper			
MET 105	92352	Cyber Security	Saturday 14-12-2024 (Paper Time From 10.30 am To 1.30 pm)
	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 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-201	90106	Web Technology	Tuesday 10-12-2024
CC202	90107	Advanced Java	Wednesday 11-12-2024
CC-203	90114	Android Fundamental Development with kotlin	Thursday 12-12-2024
Choose Any One of the Following			Friday 13-12-2024
CC-204	90115	Software Project Management	
	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 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
MMT -201	94630	Advanced Java	Tuesday 10-12-2024
MMT-202	94631	Artificial Intelligence	Wednesday 11-12-2024
MMT-204	94633	Angular JS	Thursday 12-12-2024 (Paper Time : 2.30 pm To 4.00 pm)
Major Elective paper			
CCS-205	94634	Image Processing	Friday 13-12-2024
	94635	Block Chain Technology	

Last Chance OCT-2024		Course code-2353 (NEP) From Oct 2022	
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
Paper Time From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-101	87849	Inorganic Chemistry – I	Thursday 05-12-2024
CC-102	87850	Organic Chemistry – I	Saturday 07-12-2024
CC-103	87851	Physical Chemistry – I	Monday 09-12-2024
CC-104	87852	Analytical Chemistry – I	Wednesday 11-12-2024

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

Course code-2375 From Oct 2023 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			
Paper Time From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
Major Mandatory			
MMT -102	92119	Inorganic Chemistry – I	Thursday 05-12-2024
MMT -101	92118	Organic Chemistry – I	Saturday 07-12-2024
Research Methodology			
RM-CH-106	90925	Research Methodology	Monday 09-12-2024
Choose any one from Major Elective			Wednesday 11-12-2024
MMT - 103	92120	Inorganic Chemistry – II	
	92121	Organic Chemistry – II	
	92122	Physical Chemistry – I	
	92123	Analytical Chemistry – I	

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

Course Code-2353 Revised From March 2023 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 Time From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-201	90163	Inorganic Chemistry – II	Thursday 05-12-2024
CC-202	90164	Organic Chemistry – II	Saturday 07-12-2024
CC-203	90165	Physical Chemistry – II	Monday 09-12-2024
CC-204	90166	Analytical Chemistry – II	Wednesday 11-12-2024

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

Course Code-2375 New Revised From March 2024			
M.Sc Part-I Sem-II Branchh- 1) Organic Chemistry 2) Inorganic Chemistry 3) Analytical Chemistry 4) Physical Chemistry 5) Industrial Chemistry 6) Applied Chemistry			
Paper Time From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
Major Mandatory			
MMT-201	94701	Physical Chemistry – II	Thursday 05-12-2024
MMT-202	94702	Analytical Chemistry – II	Saturday 07-12-2024
Major Elective			
M EM-203	94703	Organic Chemistry – III	Monday 09-12-2024
	94704	Inorganic Chemistry- III	
	94705	Physical Chemistry – III	
	94706	Analytical Chemistry- III	

M.Sc. Botany (NEP)

Last Chance OCT-2024 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	Tuesday 10-12-2024
CC-102	87789	Biology And Diversity of Pteridophytes Gymnosperms and Palaeobotany	Wednesday 11-12-2024
CCO-104	87790	Biodiversity :Conservation and Utilization	Thursday 12-12-2024
CC-103	87791	Tools And Techniques	Friday 13-12-2024

M.Sc. Botany (NEP 2020)

Course Code-2375 M.Sc Part I :- Sem.-I Botany Revised From Oct 2023 Exam			
Paper Time From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
Major Mandatory			
MMT - 101	92442	Biology And Diversity of Algae, Fungi And Bryophytes	Tuesday 10-12-2024
MMT - 102	92443	Biology And Diversity of Pteridophytes Gymnosperms and Palaeobotany	Wednesday 11-12-2024
MMT - 103	92444	Tools And Techniques	Thursday 12-12-2024 (Paper Time : 10.30 am to 12.00 pm)
Research Methodology			
RM - 108	93985	Research Methodology	Friday 13-12-2024 (Paper Time From 10.30 am To 1.30 pm)
Choose any one from Major Elective			
MET- 106.1	92371	Angiosperm Taxonomy: The Evolution and Classification of Angiosperms	Saturday 14-12-2024 (Paper Time : 10.30 am to 12.00 pm)
MET -106.2	92372	Cytogenetic and Plant Breeding, Cytogenetic	
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)

Last Chance OCT-2024 Course code-2353 : M.Sc Part I :- Sem.-II Botany Revised From March 2023 Exam			
Paper Time From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-201	90100	Angiosperm systematic	Tuesday 10-12-2024
CC-202	90101	Plant Pathology	Wednesday 11-12-2024
CC-203	90102	Plant Structure Development And Reproduction	Thursday 12-12-2024
CC-204	90103	Cell and Molecular Biology	Friday 13-12-2024

M.Sc. Botany (NEP)

Course code-2375 : M.Sc Part I :- Sem.-II Botany Revised From March 2024 Exam			
Paper No	Paper Code	Paper Name	Day and Date
Major Mandatory			
MMT-201	94666	Angiosperm systematic	Wednesday 04-12-2024 Paper Time 2.30 pm To 5.30 pm
MMT-202	94668	Structure, Development and Reproduction of Plants	Thursday 05-12-2024 Paper Time: 2.30 pm to 4.00 pm
MMT-203	94667	Cell and Molecular Biology	Friday 06-12-2024 Paper Time 2.30 pm To 5.30 pm
Major Elective - I			
MET-204	94675	Plant Biotechnology Molecular Biotechnology and Genetic Engineering II	Saturday 07-12-2024 Paper Time : 2.30 pm to 4.00 pm
	94672	Cytogenetic and Plant Breeding : Plant Breeding	
	94674	Mycology and Plant Pathology : Integrated Disease Management	
	94676	Plant Physiology : Plant Growth and Development II	
	94673	Energy, Ecology and Environment : Pollution and Community Ecology II	
	94671	Angiosperm Taxonomy : Modern Trends in Angiosperm Taxonomy II	

M.Sc. Electronics (NEP)

Last Chance OCT-2024 Course code- 2353 M.Sc Part I :- Sem.-I Electronics 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	87796	Measurement & Instrumentation	Tuesday 10-12-2024
CC-102	87797	Foundations of Microwave Technology	Wednesday 11-12-2024
CC-103	87798	Computer Organization	Thursday 12-12-2024
CC-104	87799	Advanced Digital Design	Friday 13-12-2024

M.Sc. Electronics (NEP 2020)

Course code- 2375 M.Sc Part I :- Sem.-I Electronics Revised From Oct 2023 Exam			
Paper Time : From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
Major Mandatory			
MMT- 101	92588	Computer Organization	Tuesday 10-12-2024
MMT- 102	92589	Microwave Technology	Wednesday 11-12-2024
MMT- 103	92590	Foundations of Digital Design	Thursday 12-12-2024 Paper Time : 10.30 am to 12.00 pm
Research Methodology			
RM - 106	93986	Research Methodology	Friday 13-12-2024
Choose any one from Major Elective paper			
MET - 105	92591	Industrial Automation	Saturday 14-12-2024
	92592	Machine Learning	
	92447	Measurements and Instrumentation	

M.Sc. Electronics (NEP)

Course code-2353 : M.Sc Part I :- Sem.-II Electronics Revised From March 2023 Exam			
Paper Time From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-201	90119	Digital Communication	Wednesday 04-12-2024
CC-202	90120	Advanced Microwave Technology	Thursday 05-12-2024
CC-203	90121	Advanced Power Electronics	Friday 06-12-2024
CC-204	90122	Optoelectronics	Saturday 07-12-2024

M.Sc. Electronics (NEP)

Course code-2375 M.Sc Part I :- Sem.-II Electronics Revised From March 2024 Exam			
Paper Time From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
Major Mandatory			
CC-201	94637	Digital Signal Processing	Wednesday 04-12-2024
CC-202	94638	Architecture and Programming	Thursday 05-12-2024
CC-203	94639	Advanced Digital Design	Friday 06-12-2024 (Paper Time : 2.30 pm to 4.00 pm)
Mandatory Elective			
CC-204	94642	VHDL Programming	Saturday 07-12-2024
	94643	Digital Communication	
	94344	Satellite Communications	

M.Sc. Horizontal Mobility NEP

Last Chance OCT-2024			
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			
Paper No	Paper Code	Paper Name	Day and Date
Any One Of the Following			
CC-101	87784	Cell Biochemistry and Nucleic Acids	Thursday 05-12-2024
	87785	Cell Biology, Microbiology and Virology	
CC-102	87782	Proteins Structure and Functions	Saturday 07-12-2024
CC-103	87783	Biomolecules	Monday 09-12-2024
Any One Of the Following			
CC-104	87786	Basics of Physiology and Endocrinology	Wednesday 11-12-2024
	87787	Biostatistics and Computer Applications	

M.Sc. Horizontal Mobility (NEP 2020)

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			
Paper No	Paper Code	Paper Name	Day and Date
Major Mandatory			
MMT 101	92464	Proteins Structure and Functions	Saturday 07-12-2024
MMT 102	92465	Biomolecules	Monday 09-12-2024
Research Methodology			
RM 106	93746	Research Methodology	Wednesday 11-12-2024
Choose Any One from Major Elective			
MET 103	92473	Cell Biochemistry and Nucleic Acids	Thursday 05-12-2024
	92474	Taxonomy And Molecular Systematic	
	92475	Advances in Drug and Clinical Research	

M.Sc. Horizontal Mobility(NEP)

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			
Paper No	Paper Code	Paper Name	Day and Date
CC-201	90094	Enzymology	Wednesday 04-12-2024
CC-202	90095	Molecular Biology	Friday 06-12-2024
CC-203	90096	Bioenergetics	Tuesday 10-12-2024
CC-204	90097	Tools and Techniques in Bioscience	Thursday-12-12-2024

M.Sc. Horizontal Mobility(NEP)

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			
Paper No	Paper Code	Paper Name	Day and Date
Major Mandatory			
MMT-201	94620	Enzymology	Wednesday 04-12-2024
MMT-202	94621	Molecular Biology	Friday 06-12-2024
Mandatory Elective			
MET-203	94622	Tools and Techniques in Biological Science	Thursday-12-12-2024

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

Last Chance OCT-2024 Course code- 2353 M. Sc Part-I Sem-I-Agrochemical and Pest Management (NEP.) 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	87763	Chemistry Of Pesticides and their formulation-I	Tuesday 10-12-2024
CC-102	87764	Soil Science Fertilizers and Micronutrients	Wednesday 11-12-2024
CC-103	87765	Introductory and Industrial Entomology	Thursday 12-12-2024
CC-104	87766	Basic concepts in Plant Pathology	Friday 13-12-2024

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

Course code-2375 M.Sc Part-I Sem-I-Agrochemical and Pest Management New Revised From Oct 2023 Exam			
Paper Time : From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
Major Mandatory			
MMT -101	92080	Chemistry of Soil, Pesticides and formulations	Tuesday 10-12-2024
MMT - 102	92081	Introduction to Agronomy and Crop Protection	Wednesday 11-12-2024
Research Methodology			
RM – 106	93132	Research Methodology	Thursday 12-12-2024
Major Elective			
MET - 104	92082	Basic Entomology	Friday 13-12-2024

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

Course code-2353 M.Sc Part-I Sem-II-Agrochemical and Pest Management New Revised From March 2023 Exam			
Paper Time From 2.30 Pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-201	90059	Chemistry of Pesticides And Their Formulation-II	Wednesday 04-12-2024
CC-202	90060	Analytical Techniques For Agrochemicals	Thursday 05-12-2024
CC-203	90061	Economic Entomology	Friday 06-12-2024
CC-204	90062	Agronomy, Seed Technology, Pathology, Weed Science Biostatistics	Saturday 07-12-2024

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

Course code-2375 M.Sc Part-I Sem-II-Agrochemical and Pest Management (C.B.C.S.) New Revised From March 2024Exam Paper Time : From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
Major Mandatory			
MMT-201	94653	Plant Disease and its Management	Wednesday 04-12-2024
MMT-202	94713	Pesticide Formulation and Analytical Techniques for Agro chemistry	Thursday 05-12-2024
Mandatory Elective			
MET-203	94654	Economic Entomology	Friday 06-12-2024

M.Sc. General Microbiology (NEP)

Last Chance OCT-2024 Course code- 2353 M.Sc Part-I Sem-I General Microbiology New Revised From Oct 2022Exam 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 10-12-2024
CC-102	87823	Virology	Wednesday 11-12-2024
CC-103	87824	Genetics And Molecular Biology	Thursday 12-12-2024
CC-104	87825	Immunology	Friday 13-12-2024

M.Sc. General Microbiology [NEP 2020]

Course code-2375 M.Sc Part-I Sem-I General Microbiology Revised From Oct 2023 Exam Paper Time : From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
Major Mandatory			
MMT - 102	92111	Immunology	Tuesday 10-12-2024
MMT 101	92117	Microbial Systematic	Wednesday 11-12-2024
Research Methodology			
RM - 106	91003	Research Methodology	Thursday 12-12-2024
Choose any one from Major Elective			
MME 103	92114	Environmental Microbiology	Friday 13-12-2024
	92112	Biochemistry	
	92113	Microbial Metabolism	

M.Sc. General Microbiology [NEP.]

Course code-2353 M.Sc Part-I Sem-II General Microbiology 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	90151	Techniques in Microbiology	Wednesday 04-12-2024
CC-202	90152	Microbial Physiology Biochemistry and Metabolism	Thursday 05-12-2024
CC-203	90153	Medical Microbiology	Friday 06-12-2024
CC-204	90154	Microbial Ecology	Saturday 07-12-2024

M.Sc. General Microbiology [NEP.]

Course code-2375 M.Sc Part-I Sem-II General Microbiology From March 2024 Exam			
Paper Time : From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
Major Mandatory			
MMT-201	94651	Genetics and Molecular Biology	Wednesday 04-12-2024
MMT-202	94652	Fermentation Technology	Thursday 05-12-2024
Mandatory Elective			
MET-203	94649	Techniques in Microbiology	Friday 06-12-2024
	94650	Quality Assurance and Validation in Pharma Setor	
	94711	Microbial Ecology	

M.Sc. Geology [NEP]

Last Chance OCT-2024			
Course code- 2353 : M.Sc. Part-I Sem-I Geology 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	87826	Mineralogy Optics And Crystallography	Tuesday 10-12-2024
CC-102	87827	Igneous Petrology	Wednesday 11-12-2024
CC-103	87828	Metamorphic petrology	Thursday 12-12-2024
CC-104	87829	Sedimentary Petrology	Friday 13-12-2\024

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

Course code-2375 Revised From Oct 2023 Exam			
Paper Time : From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
Major Mandatory			
MMT-101	92087	Mineralogy, Optics And Crystallography	Tuesday 10-12-2024
MMT-102	92088	Igneous Petrology	Wednesday 11-12-2024
Research Methodology			
RMT 101	93750	Research Methodology	Thursday 12-12-2024
Choose any one from Major Elective			
MET-101	92089	Stratigraphy and Palaetology	Friday 13-12-2\024
MET -102	92090	Remote Sensing and Geomorphology	

M.Sc. Geology[NEP.]

Course code-2353 M.Sc. Part-I Sem-II Geology 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	90157	Structural Geology and Geotectonic	Wednesday 04-12-2024
CC-202	90158	Stratigraphy and Palaeontology	Thursday 05-12-2024
CC-203	90159	Economic Geology	Friday 06-12-2024
CC-204	90160	Remote sensing and Geomorphology	Saturday 07-12-2024

M.Sc. Geology[NEP.]

Course code-2375 M.Sc. Part-I Sem-II Geology New Revised From March 2024 Exam			
Paper Time : From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
Major Mandatory			
MMT-201	94645	Metamorphic Petrology	Wednesday 04-12-2024
MMT-202	94646	Sedimentary Petrology	Thursday 05-12-2024
Mandatory Elective			
MET-203	94712	Mining Geology	Friday 06-12-2024
	95030	Geophysics and Exploration Method	

M.Sc Biotechnology (NEP 2020)

Course code-2375 M.Sc Part-I Sem-I Biotechnology(Entire) Revised From Oct 2023 Exam			
Paper Time : From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
Major Mandatory			
MMT-102	92365	Basics in Microbiology	Thursday 05-12-2024
MMT-101	92364	Cell Biology	Saturday 07-12-2024
Research Methodology			
RM-BTE-106	93982	Research Methodology	Monday 09-12-2024
Choose any one from Major Elective			
MET-103 (A)	92366	Biomolecules and Instrumentations	Wednesday 11-12-2024
MET-103 (C)	92368	Biostatistics and Computer	
MET-103 (B)	92367	Microbial Diversity and Systematics	

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

Course code-2375 M.Sc Part-I Sem-II Biotechnology (Entire) Revised From March 2024 Exam			
Paper Time : From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
Major Mandatory			
MMT-102	95226	Molecular Biology	Wednesday 04-12-2024
MMT-101	94626	Genetics and Immunology	Friday 06-12-2024
Mandatory Elective			
MET-103	94627	Cellular Metabolism	Tuesday 10-12-2024
	94628	IPR and Bioethics	
	94629	Animal Physiology and Endocrinology	

M.Sc Zoology(NEP 2020) (Autonomous)

Course Code 12073 M.Sc Part I :- Sem. I ZOOLOGY(Autonomous) New Revised From Oct 2024 Exam			
Paper Time : From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
Major Mandatory Paper			
MMT – 101	108856	Molecular Cell Biology	Tuesday 10-12-2024
MMT- 102	108857	Applied Entomology	Wednesday 11-12-2024
Research Methodology			
RM	108860	Research Methodology	Thursday 12-12-2024
Choose any one from Major Elective Paper			
M ET -104	108872	Molecular Biology of the Gene	Friday 13-12-2024
	108873	Animal Physiology	
	108874	Basic Entomology	
	108875	Fisheries Resources :Inland and Marine Fisheries	
	108876	General Sericulture and Mulberry Cultivation	

M.Sc. Botany (NEP 2020) (Autonomous)

Course Code-12073 M. Sc Part I :- Sem.-I Botany(Autonomous) New From Oct 2024 Exam			
Paper Time From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
Major Mandatory			
MMT - 101	108812	Biology And Diversity of Algae, Fungi And Bryophytes	Tuesday 10-12-2024
MMT - 102	108813	Biology And Diversity of Pteridophytes Gymnosperms and Palaeobotany	Wednesday 11-12-2024
MMT - 103	108814	Tools And Techniques	Thursday 12-12-2024 (Paper Time : 10.30 am to 12.00 pm)
Research Methodology			
RM - 108	108842	Research Methodology	Friday 13-12-2024 (Paper Time From 10.30 am To 1.30 pm)
Choose any one from Major Elective			
MET- 106.1	108817	Angiosperm Taxonomy: The Evolution and Classification of Angiosperms	Saturday 14-12-2024 (Paper Time : 10.30 am to 12.00 pm)
MET -106.2	108818	Cytogenetic and Plant Breeding, Cytogenetic	
MET -106.3	108819	Energy, Ecology, and Environment: Environment and its aspect	
MET -106.4	108820	Mycology and Plant Pathology: Taxonomy of Fungi	
MET -106.5	108821	Plant biotechnology: Plant Tissue Culture	
MET -106.6	108824	Plant Physiology: Advanced Plant physiology and Plant Biochemistry	

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

s/d

Vidyanagar,
Kolhapur-416004
Date:- 30-10-2024

Dr. Ajitsinh N Jadhav
Director
Board of Examinations and Evaluation