

#### SHIVAJI UNIVERSITY, KOLHAPUR.

#### Circular No. 260 Winter Session Theory Exam

Final Programme of M.Sc Part II (Sem III, IV) C.B.C.S (Course Code 2341, 2353) Zoology, Organic, Inorganic, Physical, Analytical, Industrial, and Applied Chemistry, Botany, Horizontal Mobility (Bio-Tech, Bio-Chemistry, Environmental-Biotech, Microbiology, Pharmaceutical, Microbiology), Agro chemical & pest Management, Electronics Computer Science, Geology, General Microbiology Examination of March/April 2024 to be held in April/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

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

Sr.	Exam	College /Dept	Places/Exam Centre
No		Code	
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, <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</b> <b>Kolhapur</b>
6	M.Sc Botany, Analytical Chemistry, Comp Sci	30	The New college <b>Kolhapur</b>
7	M.Sc. A.G.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  Ichalkaranji 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,. Physical, Analytical Chemistry	90	Karmveer Bhaurao Patil College, Urun – Islampur. Dist- Sangli
13	M.Sc. Computer Science, Organic Chemistry	88	Smt Kusumtai Rajarambapu Patil Kanya Mahavidylya <b>Urun-Islampur</b> .
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. Vasantrao dada patil Mahavidyalya, <b>Tasgaon</b> 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, Biotechnology (Entire)	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 Science College <b>Solankur,</b> Tal- Radhanagri, Dist-Kolhapur
21	M. Sc. Botany	101	Matoshri Bayyabai Shripathrao Kadam Kanya Mahavidyalya, <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 Bahadhur 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 Gadage 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 Mahavidyalya <b>Jath</b> Dist Sangli
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 Mahavidyalya <b>Ramanadnagar(Burli)</b> Kirloskarwadi  Tal.Palus Dist Sangli.
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 Mahavidyalya <b>Walva</b> Tal: WalvaDist-Sangli
35	M.sc Organic chemistry	83	Shikshan Maharashi Dr.Bapuji Salunkhe Mahavidyalya <b>Miraj</b> DistSangli
36	M.Sc General Microbiology	84	Miraj Mahavidyalya <b>Miraj</b> Dist Sangli
37	M.Sc Organic Chemistry	51	Bhogawati Mahavidyalya <b>Kurukali</b> Tal- Karveer Dist- Kolhapur
38	M.Sc. Analytical Chemistry M.Sc Botany	67	M.H.Shinde Mahavidyalya <b>Tisangi</b> Tal- Gaganbawada Dist-Kolhapur
39	M.Sc Organic Chemistry	151	Mudhoji College <b>Phaltan</b> Dist-Satara
40	M.Sc Organic Chemistry	70	R.B. Madkolkar Mahavidylya <b>Chandgad</b> Dist-Kolhapur
41	M.Sc Organic Chemistry	54	Yashwantrao Chavan Mahavidylya Halkarni Dist-Kolhapur
42	M.Sc Organic Chemistry	616	Shri RK.Patil Arts,Commerce and Science college Sankh, Tal-Jat, Dist-Sangli - 416412
43	M.Sc Organic Chemistry	89	Raja Shripathrao Bhagwantrao Mahavidyalya Aundh Dist –Satara
44	M.Sc Organic Chemistry	72	Shirpatrao Chougule Arts and Science College Malwadi Kotoli Dist-Kolhapur

#### Branch -M.Sc Part II-Sem-III ZOOLOGY (C.B.C.S.)NEP

#### Course Code 2353 Branch –M.Sc Part II-Sem-III ZOOLOGY (C.B.C.S.)NEP New Revised From Oct. 2023

Paper Time: From 2.30 pm To 5.30 pm

		1 uper 1 mie : 110m 2.30 pm 10 3.30 pm		
Paper No	Paper Code	Paper Name	Day and Date	
CC-301	91044	Genetics	Monday 15/04/2024	
		CHOOSE ANY ONE OF THE FOLLOWING		
CCO-302	91045	Enzymology	Thursday 18/04/2024	
	91046	Laboratory Animals in Biomedical Research	111d13day 10/04/2024	
		CHOOSE ANY ONE OF THE FOLLOWING		
CCS-303	91047	Molecular Biology of the Gene		
	91049	Animal Physiology		
	91051	Basic Entomology		
	91053	Fisheries Resources Inland and Marine fisheries	Saturday 20/04/2024	
	91055	General Sericulture and management of Mulberry		
		CHOOSE ANY ONE OF THE FOLLOWING		
CCS-304	91048	Development Biology		
	91050	Applied Physiology		
-	91052	Agricultural Entomology		
•	91054	Fish Pathology & Reproductive Endocrinology	Monday 22/04/2024	
-	91056	Silkworm Biology and Rearing Technology		

#### M.Sc Part II-Sem-III ZOOLOGY (C.B.C.S.)

		Misc Turt II sem III 2002001 (Cibicisi)	
		Course Code-2341 Branch –M.Sc Part II-Sem-III ZOC New Revised From Oct. 2022	LOGY ( C.B.C.S.)
		Paper Time: From 2.30 pm To 5.30 pm	
Paper No	Paper Code		Day and Date
CC-301	85462	Genetics	Monday 15/04/2024
CBE-		CHOOSE ANY ONE OF THE FOLLOWING	
302	85463	Enzymology	Thursday 18/04/2024
	89057	Laboratory Animals in Biomedical Research	111dioday 10/01/2021
		CHOOSE ANY ONE OF THE FOLLOWING	
	85464	Molecular Biology of the Gene	
CCS-	85465	Animal Physiology	Saturday 20/04/2024
303	85466	Basic Entomology	
	85467	Fisheries Resources Inland and Marine fisheries	
•	85468	General Sericulture and management of Mulberry	
		CHOOSE ANY ONE OF THE FOLLOWING	
	85469	Development Biology	
CCS-	85470	Applied Physiology	Manday 22/04/2024
304	85471	Agricultural Entomology	Monday 22/04/2024
	85472	Fish Pathology & Reproductive Endocrinology	
-	85473	Silkworm Biology and Rearing Technology	

### Branch –M.Sc Part II-Sem-IV ZOOLOGY (C.B.C.S.)

	Cour	rse Code-2341 Branch –M.Sc Part II-Sem-IV ZOOLOGY (	CRCS)	
	Cour	New Revised From March 2023	С.Б.С.З.)	
		Paper Time: From 10.30 am To 1.30 pm		
Paper No	Paper Code	Paper Name	Day and Date	
CC-401	86787	Animal Cell Culture	Tuesday 16/04/2024	
CDE 402		CHOOSE ANY ONE OF THE FOLLOWING		
CBE-402	86800	Toxicology	Friday 19/04/2024	
-	86801	Evolution and Behavior		
		CHOOSE ANY ONE OF THE FOLLOWING		
	86793	Immunology		
CCS-403	86790	Physiology of Health	Tuesday 23/04/2024	
	86791	Insect Anatomy and Physiology		
	86792	Aquaculture practices		
-	86794	Breeding of silkworm, mulberry & cytogentics		
		CHOOSE ANY ONE OF THE FOLLOWING		
	86795	Cell Pathology		
CCS-404	86796	Clinical Physiology		
•	86797	Pest Management Concepts	Thursday 25/04/2024	
•	86798	Fishery Technology		
	86799	Silkworm Seed, Silk Production Technology and Economics		

#### Branch -M.Sc Part II-Sem-IV ZOOLOGY (NEP 2020)

	Cour	se Code-23 <b>53</b> Branch –M.Sc Part II-Sem-IV ZOOLOGY (NE	P 2020)		
		New Revised From March 2024			
		Paper Time: From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
CC-401	93954	Animal Cell Culture	Tuesday 16/04/2024		
		CHOOSE ANY ONE OF THE FOLLOWING			
	93957	Physiology of Health (PHHEL)			
	93958	Insect Anotomy & Physiology (IAP)			
CBE-402	93960	Aquaculture Pratices (AQPRA) Friday 19/04/20			
	93961	Immunology (IMM)			
	93959	1			
		CHOOSE ANY ONE OF THE FOLLOWING			
	93964	Call Pathology (CELPAT)			
CCS-403	93965	Clinical Physiology (CLIPH)			
	93962	Pest Management Concepts (PESMG)	Tuesday 23/04/2024		
	93966	Fishery Technology (FISH)	1 ucsuay 23/04/2024		
	93963	Silkworm Seed Silk Production Technology and Economics			
		CHOOSE ANY ONE OF THE FOLLOWING			
	93967	Toxicology (TOXI)	Thursday 25/04/2024		
CCS-404	93968 Evolution And Behaviour (E&B)		Thursday 25/04/2024		

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

Course code-2353 Branch –M.Sc Part II-Sem-III Computer Science (C.B.C.S.)  New Revised From Oct2023				
	F	Paper Time: From 2.30 pm To 5.30 pm		
Paper No	Paper Code	Paper Name	Day and Date	
CC-302	91869	Advanced Web Technology	Monday 15/04/2024	
CC-303	91870	РНР	Thursday 18/04/2024	
	•	Choose Any One of the Following		
CCS-304	91871	Software Quality Assurance		
	91872	Advanced Data & Science	Saturday 20/04/2024	
	91873	Network Security Analyst	Saturday 20/04/2024	
	91874	Internet Of Things		
CC-301	91868	Artificial Intelligence	Monday 22/04/2024	

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

Course code-2341 Branch –M.Sc Part II-Sem-III Computer Science (C.B.C.S.)  New Revised From Oct 2022  Paper Time: From 2.30 pm To 5.30 pm				
Paper No	Paper Code	Paper Name	Day and Date	
CC-302	85334	Advanced Web Technology	Monday 15/04/2024	
CC-303	85335	PHP	Thursday 18/04/2024	
	Choose	Any One of the ollowing		
	85336	Software Quality Assurance		
CE-304	85337	Advanced Data & Science	Saturday 20/04/2024	
	85338	Network Security Analyst	Saturday 20/04/2024	
	85339	Internet Of Things		
SWM301	85333	Artificial Intelligence	Monday 22/04/2024	

# M.Sc Physical Chemistry (C.B.C.S) NEP

Course code-2353 M.Sc Part II :- Sem III PHYSICAL CHEMISTRY (C.B.C.S.)					
		New Revised From Oct-2023 Exam			
	Pa	per Time: From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
IX, PHP 3.1	92053	Advanced Quantum Chemistry	Monday 15/04/2024		
X, PHP 3.2	92054	Electrochemistry	Thursday 18/04/2024		
XI,PCH 3.3	92055	Molecular structure	Saturday 20/04/2024		
	PAPER NO. XII :- CHOOSE ANY ONE OF THE FOLLOWING PAPER				
XII, PCH.3.4 (A)	92056	Solid State Chemistry			
XII, PCH.3.4 (B)	92057	Advanced Chemical Kinetics	Monday 22/04/2024		
XII, PCH.3.4 (C)	92058	Radiation and Photochemistry			

# M.Sc Physical Chemistry (C.B.C.S)

Cour	Course code-2341 M.Sc Part II :- Sem III PHYSICAL CHEMISTRY (C.B.C.S.)				
		New Revised From Oct 2023 Exam			
	Pa	per Time: From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
IX	85422	Advanced Quantum Chemistry	Monday 15/04/2024		
X	85423	Electrochemistry	Thursday 18/04/2024		
XI	85424	Molecular structure	Saturday 20/04/2024		
]	PAPER NO. XII :- C	HOOSE ANY ONE OF THE FOLLOWING PAPER			
	85425	Solid State Chemistry			
XII	85426	Advanced Chemical Kinetics	Monday 22/04/2024		
AII	85427	Radiation and Photochemistry	,		

### M.Sc Physical Chemistry (C.B.C.S)

Course code-2341 M.Sc Part II :- Sem IV PHYSICAL CHEMISTRY (C.B.C.S.)				
	N	ew Revised FromMarch 2023 Exam		
	Pap	per Time: From 10.30 am To 1.30 pm		
Paper No	Paper Code	Paper Name	Day and Date	
XIII	86779	Thermodynamics and MolecularModeling	Tuesday 16/04/2024	
XIV	86780	Chemical Kinetics	Friday 19/04/2024	
XV	86781	Molecular Structure – II	Tuesday 23/04/2024	
	PAPER NO. XVI :- (	CHOOSE ANY ONE OF THE FOLLOWING PAPER		
PAPER NO.XVI	86784	Surface Chemistry		
TALER NO.2 VI	86785	Chemistry of Materials	Thursday 25/04/2024	
	86786	Biophysical chemistry		

# M.Sc Physical Chemistry (NEP 2020)

Cours	Course code-2353 M.Sc Part II :- Sem IV PHYSICAL CHEMISTRY (NEP 2020)				
	New Revised FromMarch 2024 Exam				
	Pape	er Time: From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
	93885	Thermodynamics and Molecular Modelling (TMM)	Tuesday 16/04/2024		
CC	93886	Chemical Kinetics (CK)	Friday 19/04/2024		
	93887	Molecular Structure –II (MOSTR1)	Tuesday 23/04/2024		
	CHOOSE ANY ONE	E OF THE FOLLOWING PAPER			
	93890	Surface Chemistry			
	93891	Chemistry of Materials	Thursday 25/04/2024		
	93892	Biophysical chemistry			

### M.Sc Analytical Chemistry (C.B.C.S) NEP

Course code-2353 M.Sc Part II :- Sem III Analytical CHEMISTRY (C.B.C.S.)				
		New Revised FromOct 2022 Exam		
		Paper Time: From 2.30 pm To 5.30 pm		
Paper No	Paper Code	Paper Name	Day and Date	
IX, ACH- 3.1	92059	Advanced Analytical Techniques	Monday 15/04/2024	
X, ACH- 3.2	92060	Organo Analytical chemistry	Thursday 18/04/2024	
XI, ACH - 3.3	92061	Electro analytical Techniques in chemical Analysis	Saturday 20/04/2024	
	PAPER NO. XII	:- CHOOSE ANY ONE OF THE FOLLOWING PAPER		
XII, ACH-3.4 (A)	92062	Environmental chemical Analysis and control		
XII, ACH-3.4 (B)	92063	Recent advances in Analytical Chemistry	Monday 22/04/2024	
XII, ACH-3.4 (C)	92064	Chemical Analysis in Agro Food And Pharmaceutical Industries		

### M.Sc Part II:- Sem III Analytical CHEMISTRY (C.B.C.S.)

	Course code-2341 M.Sc Part II: - Sem III Analytical CHEMISTRY (C.B.C.S.)				
	New Revised FromOct 2022 Exam				
		Paper Time: From 2.30 pm To 5.30 pm			
Paper	Paper Code	Paper Name	Day and Date		
No					
IX	85284	Advanced Analytical Techniques	Monday 15/04/2024		
X	85285	Organo Analytical chemistry	Thursday 18/04/2024		
XI	XI 85286 Electro analytical Techniques in chemical Analysis				
	PAPER NO. XII :- CHOOSE ANY ONE OF THE FOLLOWING PAPER				
PAPER	85288	Environmental chemical Analysis and control			
NO.	85289	Recent advances in Analytical Chemistry			
XII	85287	Chemical Analysis in Agro Food And Pharmaceutical Industries	Monday 22/04/2024		

#### M.Sc Analytical Chemistry (C.B.C.S) NEP

Course code-2341 M.Sc Part II :- Sem IV Analytical CHEMISTRY (C.B.C.S.)					
	New Revised FromMarch 2023Exam				
		Paper Time: From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
XIII	86571	Modern Separation method in Analysis	Tuesday 16/04/2024		
XIV	86572	Organic Industrial Analysis	Friday 19/04/2024		
XV	86573	Advanced Methods in Chemical Analysis	Tuesday 23/04/2024		
	CHOOSE ANY ONE OF THE FOLLOWING PAPER				
	86577	Applied Analytical Chemistry			
XVI	86578	Quality Assurance and Accreditation	Thursday 25/04/2024		
AVI	86576	Techniques in Forensic Science and Microbiological Analysis			

#### M.Sc Analytical Chemistry (NEP 2020)

Course code-2353 M.Sc Part II :- Sem IV Analytical CHEMISTRY (NEP 2020)					
	New Revised FromMarch 2024 Exam				
		Paper Time: From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
	93763	Modern Separation method in Analysis	Tuesday 16/04/2024		
CC	93764	Organic Industrial Analysis	Friday 19/04/2024		
	93765	Advanced Methods in Chemical Analysis	Tuesday 23/04/2024		
	93769	Applied Analytical Chemistry			
	93770	Quality Assurance and Accreditation	Thursday 25/04/2024		
	93768	Techniques in Forensic Science and Microbiological Analysis	111413441 23/04/2024		

### M.Sc Inorganic Chemistry (C.B.C.S) NEP

Course code-2353 M.Sc Part II: Sem III Inorganic CHEMISTRY (C.B.C.S.)						
	New Revised FromOct 2023 Exam					
		Paper Time: From 2.30 pm To 5.30 pm				
Paper No Paper Code Paper Name Day and Date						
IX, CC -3 01	92048	Inorganic Chemical Spectroscopy	Monday 15/04/2024			
X, CCS - 302	92049	Co-Ordination Chemistry	Thursday 18/04/2024			
XI, CCS - 303	Saturday 20/04/2024					
PAPER NO:-XII CHOOSE ANY ONE OF THE FOLLOWING PAPER						
XII, ICH 3.4 (A)	92051	Organometallic and BioinorganicChemistry				
XII, ICH 3.4 (B)	92052	Selected Topics in Inorganicchemistry	Monday 22/04/2024			

#### M.Sc Inorganic Chemistry (C.B.C.S)

Course code-2341 M.Sc Part II: - Sem III Inorganic CHEMISTRY (C.B.C.S.)					
	New Revised FromOct 2022 Exam				
		Paper Time: From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
IX	85381	Inorganic Chemical Spectroscopy	Monday 15/04/2024		
X	85382	Co-Ordination Chemistry	Thursday 18/04/2024		
XI	85383	Nuclear Chemistry	Saturday 20/04/2024		
	PAPER NO:-XII CHOOSE ANY ONE OF THE FOLLOWING PAPER				
XII	85384	Organometallic and BioinorganicChemistry			
	85385	Selected Topics in Inorganicchemistry	Monday 22/04/2024		

### M.Sc Inorganic Chemistry (C.B.C.S)

Course code-2341 M.Sc Part II :- Sem IV Inorganic CHEMISTRY (C.B.C.S.)				
		New Revised FromMarch 2023 Exam		
		Paper Time: From 10.30 am To 1.30 pm		
Paper No	Paper Code	Paper Name	Day and Date	
XIII	86704	Instrumental Techniques	Tuesday 16/04/2024	
XIV	86705	Co-Ordination Chemistry	Friday 19/04/2024	
XV	86706	Chemistry of Inorganic Materials	Tuesday 23/04/2024	
CHOOSE ANY ONE OF THE FOLLOWING PAPER				
XVI	86709	Energy and Environmental Chemistry	Thursday 25/04/2024	
AVI	86710	Radiation Chemistry		

### **M.Sc Inorganic Chemistry (NEP 2020)**

Course code-2353 M.Sc Part II :- Sem IV Inorganic CHEMISTRY (NEP 2020)					
	New Revised FromMarch 2024 Exam				
	Pap	per Time: From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
	93865	Instrumental Techniques	Tuesday 16/04/2024		
	93866	Co-Ordination Chemistry	Friday 19/04/2024		
	93867	Chemistry of Inorganic Materials	Tuesday 23/04/2024		
	CHOOSE ANY ONE OF THE FOLLOWING PAPER				
	93870	Energy and Environmental Chemistry	Thursday 25/04/2024		
	93871	Radiation Chemistry	111d13day 23/04/2024		

### M.Sc Part II:- Sem III Organic CHEMISTRY (C.B.C.S.) NEP

Course code-2353 M.Sc Part II :- Sem III Organic CHEMISTRY (C.B.C.S.) NEP 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		
IX, OCH 3.1	92065	Organic Reaction Mechanism	Monday 15/04/2024		
X, OCH 3.2	92066	Advanced Spectroscopic Methods	Thursday 18/04/2024		
XI, OCH 3.3	92067	Advanced Synthetic Method	Saturday 20/04/2024		
	CHOOSE ANY ONE OF THE FOLLOWING PAPER				
XII, OCH 3.4(A)	92068	Drugs and Heterocycles	Monday 22/04/2024		
XII, OCH 3.4 (B)	92069	Polymer chemistry	Monday 22/04/2024		

# M.Sc Part II :- Sem III Organic CHEMISTRY (C.B.C.S.)

	Course code-2341 M.Sc Part II :- Sem III Organic CHEMISTRY (C.B.C.S.)				
	New Revised from Oct 2022 Exam				
		Paper Time: From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
IX	85415	Organic Reaction Mechanism	Monday 15/04/2024		
X	85411	Advanced Spectroscopic Methods	Thursday 18/04/2024		
XI	85412	Advanced Synthetic Method	Saturday 20/04/2024		
	CHOOSE ANY ONE OF THE FOLLOWING PAPER				
VII	85416	Drugs and Heterocycles	Manday 22/04/2024		
XII	85417	Polymer chemistry	Monday 22/04/2024		

### M.Sc Part II :- Sem IV Organic CHEMISTRY (C.B.C.S.)

	Course code-2341 M.Sc Part II :- Sem IV Organic CHEMISTRY (C.B.C.S.)				
	New Revised From March 2023				
		Paper Time: From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
XIII	86729	Theoretical Organic Chemistry	Tuesday 16/04/2024		
XIV	86730	Stereochemistry	Friday 19/04/2024		
XV	86731	Chemistry of Natural Products	Tuesday 23/04/2024		
	CHOOSE ANY ONE OF THE FOLLOWING PAPER				
	86734	Applied Organic Chemistry	Thursday 25/04/2024		
XVI	86735	Bio-organic Chemistry	Thursday 25/04/2024		

#### M.Sc Part II :- Sem IV Organic CHEMISTRY (NEP 2020)

Cours	Course code-2353 M.Sc Part II :- Sem IV Organic CHEMISTRY (NEP 2020)  New Revised From March 2024  Paper Time: From 10.30 am To 1.30 pm				
Paper No	1				
	93878	Theoretical Organic Chemistry	Tuesday 16/04/2024		
	93879	Stereochemistry	Friday 19/04/2024		
	93880	Chemistry of Natural Products	Tuesday 23/04/2024		
	CHOOSE ANY ONE OF THE FOLLOWING PAPER				
	93883	Applied Organic Chemistry	Thursday 25/04/2024		
	93884	Bio-organic Chemistry	Thursday 25/04/2024		

### M.Sc Part II :- Sem III Applied CHEMISTRY (C.B.C.S.) NEP

Course code-2353 M.Sc Part II :- Sem III Applied CHEMISTRY (C.B.C.S.) NEP New Revised FromOct 2023 Exam					
		per Time: From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
IX, APCH- 3.1	92042	Applied Inorganic Chemistry-I	Monday 15/04/2024		
X, APCH – 3.2	92043	Applied Organic chemistry-I	Thursday 18/04/2024		
XI, APCH – 3.3	92044	Applied Physical Chemistry-I	Saturday 20/04/2024		
	Paper No XII CHOOSE ANY ONE OF THE FOLLOWING PAPER				
XII, APCH –3.4 (A)	92045	Advanced Organic chemistry-I			
XII, APCH –3.4 (B)	92046	Applied Analytical Chemistry-I	Monday 22/04/2024		
XII, APCH –3.4 (C)	92047	Bioorganic Chemistry-I			

### $\textbf{M.Sc Applied Chemistry} \; (\textbf{C.B.C.S})$

Course code-2341 M.Sc Part II :- Sem III Applied CHEMISTRY (C.B.C.S.)					
	New Revised FromOct 2022 Exam				
	F	Paper Time: From 2.30 pm To 5.30 pm			
Paper No	Paper Code		Day and Date		
IX	85290	Applied Inorganic Chemistry-I	Monday 15/04/2024		
X	85291	Applied Organic chemistry-I	Thursday 18/04/2024		
XI	85292	Applied Physical Chemistry-I	Saturday 20/04/2024		
Pap	er No XII CHO	OSE <u>ANY ONE</u> OF THE FOLLOWING PAPER			
	85293	Advanced Organic chemistry-I			
XII	85294	Applied Analytical Chemistry-I	Monday 22/04/2024		
	85295	Bioorganic Chemistry-I			

# M.Sc Applied Chemistry (C.B.C.S)

	Course code-2341 M.Sc Part II :- Sem IV Applied CHEMISTRY (C.B.C.S.)				
		New Revised FromMarch 2023			
		Paper Time: From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
XIII	86579	Applied Inorganic Chemistry -II	Tuesday 16/04/2024		
XIV	86580	Applied Organic Chemistry-II	Friday 19/04/2024		
XV	86581	Advance Organic Chemistry-II	Tuesday 23/04/2024		
	Paper No CHOOSE ANY ONE OF THE FOLLOWING PAPER				
	86584	Inorganic Chemical Industries			
XVI	86585	Pollution Monitoring Control	Thursday 25/04/2024		
	86586	Applied Analytical Chemistry-II			

### M.Sc Applied Chemistry (NEP 2020)

Course code-2353 M.Sc Part II :- Sem IV Applied CHEMISTRY (NEP 2020)					
	New Revised FromMarch 2024				
		Paper Time: From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
	93771	Applied Inorganic Chemistry -II	Tuesday 16/04/2024		
	93772	Applied Organic Chemistry-II	Friday 19/04/2024		
	936773	Advance Organic Chemistry-II	Tuesday 23/04/2024		
	Paper No CHOOSE ANY ONE OF THE FOLLOWING PAPER				
	93776	Inorganic Chemical Industries			
	93777	Pollution Monitoring and Control	Thursday 25/04/2024		
	93778	Chemical Engineering in Applied Chemistry			

# M.Sc Part II., :- Sem – III BOTANY NEP

Course code-2353 M.Sc Part II., :- Sem – III BOTANY NEP			
	1	New Revised from Oct 2023 exam  Paper Time: From 10.30 am To 1.30 pm	
D N.			Day and Data
Paper No	Paper Code	Paper Name	Day and Date
IX, CC- 301	91024	Cytogenetic & Crop Improvement	Friday 12/04/2024
XII CC- 304	91025	Biotechnology and Genetic Engineering	Monday 15/04/2024
	C	HOOSE ANY ONE OF THE FOLLOWING	
	91026	Adv.Plant Physiology & Plant Biochemistry	
	91027	Taxonomy of Fungi	
	91028	Cytogenetic	Thursday18/04/2024
X, CCS - 302	91029	Environment & Its Aspects	
A, CC3 - 302	91030	The evolution and Classification of Angiosperm	
	91031	General Marine Botany	
	91032	Plant Tissue Culture	
	CHOOSE A	NY ONE OF THE FOLLOWING	
	91033	Plant Growth & Development	
	91034	Integrated Disease Management	
XI, CC - 303	91035	Plant Breeding	
AI, CC - 303	91036	Population & Community Ecology	G . 1 . 20/04/2024
	91037	Modern Trends in Angiosperm Taxonomy	Saturday 20/04/2024
	91038	Physiology & Biochemistry of Marine Plants	
	91039	Molecular Biotechnology & GeneticEngineering	

# M.Sc Part II., :- Sem – III BOTANY

Course code-2341 M.Sc Part II., :- Sem – III BOTANY			
New Revised from Oct 2022 exam			
		Paper Time: From 10.30 am To 1.30 pm	
Paper No	Paper Code	Paper Name	Day and Date
CCS-301	85317	Cytogenetic & Crop Improvement	Friday 12/04/2024
DSE-304	85318	Biotechnology and Genetic Engineering	Monday 15/04/2024
	C	HOOSE ANY ONE OF THE FOLLOWING	
	85319	Adv.Plant Physiology & Plant Biochemistry	
	85320	Taxonomy of Fungi	
	85321	Cytogenetic	
	85322	Environment & Its Aspects	Thursday18/04/2024
CCS-302	85323	The evolution and Classification of Angiosperm	111022000 1 20 2 1
	85324	General Marine Botany	
	85325	Plant Tissue Culture	
	CHOOSE A	NY ONE OF THE FOLLOWING	
	85326	Plant Growth & Development	
	85327	Integrated Disease Management	
	85328	Plant Breeding	
	85329	Population & Community Ecology	Saturday 20/04/2024
	85330	Modern Trends in Angiosperm Taxonomy	
	85331	Physiology & Biochemistry of Marine Plants	
CCS-303	85332	Molecular Biotechnology & Genetic Engineering	

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

	Co	urse code-2341 M.Sc Part II, Sem – IV BOTAN	Y
		New Revised From March 2023	
		Paper Time: From 2.30 pm To 5.30 pm	
Paper No	Paper Code	Paper Name	Day and Date
CC-401	86622	Plant Physiology and Metabolism	Wednesday 10/04/2024
DSE-404	86623	Biodiversity, conservation and utilization	Saturday 13/04/2024
	CHOOSE AN	Y ONE OF THE FOLLOWING	
	86626	Stress Physiology of Plants	
	86627	Industrial Mycology	
CCS-402	86628	Molecular Genetics	
CC5 402	86629	Experimental Ecology and Energy studies	Tuesday 16/04/2024
	86630	Angiosperm Taxonomy Floristics & Biosystematics	
	86631	Marine Ecology	
	86632	Application and Prospects of Plant Tissue culture	
		CHOOSE ANY ONE OF THE OLLOWING	
	86635	Applied Plant Physiology	
	86636	Integrated Disease Management	
	86637	Special Approaches in Genetic Improvement of Crop Plants	
CCS-403	86638	Environmental issues assessment and Restoration	
	86639		Friday 19/04/2024
		Phylogeny & floral Biology of Angiosperm	
	86641	Application, Regulation and Patenting Biotechnology	
	86640	Applied Marine Botany	

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

Course code-2353 M.Sc Part II, :- Sem – IV BOTANY					
	New Revised From March 2024				
		Paper Time: From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
	93805	Plant Physiology and Metabolism	Wednesday 10/04/2024		
	93806	Plant Ecology & Evolution	Saturday 13/04/2024		
	CHOOSE AN	Y ONE OF THE FOLLOWING			
	93809	Stress Physiology of Plants			
	93810	Industrial Mycology			
	93811	Molecular Genetics			
CCS-402	93812	Experimental Ecology and Energy studies	Tuesday 16/04/2024		
	93813	Angiosperm Taxonomy Floristics & Biosystematics			
	93814	Marine Ecology			
	93815	Application and Prospects of Plant Tissue culture			
		CHOOSE ANY ONE OF THE OLLOWING			
	93816	Applied Plant Physiology			
	93817	Integrated Disease Management			
	93818	Special Approaches in Genetic Improvement of Crop Plants	Friday 19/04/2024		
CCS-403	93819	Environmental issues assessment and Restoration			
	93820	Phylogeny & floral Biology of Angiosperm			
	93822	Application, Regulation and Patenting Biotechnology			
	93821	Applied Marine Botany	1		

#### M.Sc Part II :- Sem.-III Electronics NEP

Course code-2353 M.Sc Part II :- SemIII Electronics NEP				
	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	
CC-301	91014	Control Theory	Monday 15/04/2024	
CCS-302	91015	Computer Network	Thursday 18/04/2024	
CCS-303	91016	Microcontroller System Design ARM Architecture	Saturday 20/04/2024	
	CHOOSE ANY ONE OF PAPER FROM DSE-304			
	91017	Industrial Automation		
	91018	Biomedical Instrumentation	]	
	91019	MATLAB Programming for Numerical Computation	Monday 22/04/2024	
DSE-304	91020	Hardware-Software Co-design		
	91021	Satellite Communication		
	91022	Soft Computing		
	91023	VHDL Programming		

### M.Sc Part II :- Sem.-III Electronics

	Course code-2341 M.Sc Part II :- SemIII Electronics				
	New Revised From Oct 2022 Exam				
		Paper Time: From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
CC-301	85340	Control Theory	Monday 15/04/2024		
CCS-302	85341	Computer Network	Thursday 18/04/2024		
CCS-303	85342	Microcontroller System Design ARM Architecture	Saturday 20/04/2024		
	CHOOSE ANY ONE OF PAPER FROM DSE-304				
	85343	Industrial Automation			
	85344	Biomedical Instrumentation			
	85345	MATLAB Programming for Numerial Computation			
DSE-304	85346	Hardware-Software Co-design	Monday 22/04/2024		
	85347	Satellite Communication			
	85348	Soft Computing			
	85349	VHDL Programming			

#### M.sc Part II Sem-IV -ELECTRONICS (C.B.C.S)

Course code-2341 M.sc Part II Sem-IV -ELECTRONICS (C.B.C.S)					
	From March 2023				
		Paper Time: From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
CC-401	86650	Digital Signal Processing	Monday 15/04/2024		
CCS-402	86651	Analog and Digital Circuit Design	Thursday 18/04/2024		
CCS-403	86652	Real Time Embedded System	Saturday 20/04/2024		
	- СНО	OOSE ANY One OF THE FOLLO			
	86658	Advanced Drives			
	86661	Artificial Intelligence & MachineLearning			
	86657	IOT & Data Analytics			
	86655	ARM Programming and EmbeddedCommunication	7		
DSE-404		Protocols	Monday 22/04/2024		
	86660	FPGA Based Systems	3		
	86659	Antennas	1		
	86662	Mechnatronics			
	86656	Cellular Mobile communication			

### M.Sc Part II :- Sem.-IV Electronics (NEP 2020)

Course code-2353 M.Sc Part II :- SemIV Electronics (NEP 2020)				
	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	
CCS-301	93828	Digital Signal Processing	Tuesday 16/04/2024	
CCS-302	93829	Analog and Digital Circuit Design	Friday 19/04/2024	
CCS-303	93830	Real Time Embedded Systems	Tuesday 23/04/2024	
		CHOOSE ANY ONE OF PAPER FROM DSE-305		
	93836	ARM Programming and Embedded Communication Protocols	Thursday 25/04/2024	
	93840	Cellular Mobile Communications		
DGE 205	93835	loT& Data Analytics		
DSE-305	93833	Advanced Drives		
	93838	Antennas		
	93837	FPGA Based Systems		
	93834	Artifical Intelligence & Machine Learning		
	93839	Mechatronics		

# M.Sc Industrial Chemistry (C.B.C.S.) NEP

Cou	Course code-2353 M.Sc Part-II Sem III INDUSTRIAL CHEMISTRY (C.B.C.S.) From Oct 2023				
	Paper Time: From 2.30 pm To 5.30 pm				
Paper No	Paper Code	Paper Name	Day and Date		
IND-3.1	92070	Organic Chemical Industries	Monday 15/04/2024		
IND-3.2	92071	Inorganic Chemical Industries	Thursday 18/04/2024		
IND-3.3	92072	Methods of Analysis in Industries	Saturday 20/04/2024		
		CHOOSE ANY ONE			
IND- E 01	92073	General Chemical Technology			
IND- E 02	92074	Advanced Analytical Techniques in Industry	M 1 00/04/2024		
IND- E 03	92075	Chemical Analysis in Agro, Food and Pharmaceutical Industries	Monday 22/04/2024		

### M.Sc Industrial Chemistry (C.B.C.S.)

	Course code-2341 M.Sc Part-II Sem III INDUSTRIAL CHEMISTRY ( C.B.C.S.)			
	Paper Time: From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date	
IND-3.1	85375	Organic Chemical Industries	Monday 15/04/2024	
IND-3.2	85376	Inorganic Chemical Industries	Thursday 18/04/2024	
IND-3.3	85377	Methods of Analysis in Industries	Saturday 20/04/2024	
	CHOOSE ANY ONE IND-1TO 3			
	85379	General Chemical Technology		
IND-1TO 3	85380	Advanced Analytical Techniques in Industry	Monday 22/04/2024	
1103	85374	Chemical Analysis in Agro, Food and Pharmaceutical Industries	William 22/01/2021	

#### M.Sc Industrial Chemistry (C.B.C.S.)

	Course code-2341 M.Sc Part-II Sem IV INDUSTRIAL CHEMISTRY( C.B.C.S.)				
	New Revised fromMarch 2023				
		Paper Time: From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
XIII	86696	Drug and Pharmaceuticals	Tuesday 16/04/2024		
XIV	86697	Inorganic Chemical Industries	Friday 19/04/2024		
XV	86698	Selected Topics in Industrial Chemistry	Tuesday 23/04/2024		
	CHOOSE ANY One OF THE FOLLOWING				
XVI	86701	Environmental Chemistry			
	86702	Pharmaceutical Chemistry	Thursday 25/04/2024		
	86703	Chemistry of Industrially Important Materials			

# M.Sc Industrial Chemistry (NEP 2020)

	Course code-2353 M.Sc Part-II Sem IV INDUSTRIAL CHEMISTRY( NEP 2020) New Revised fromMarch 2024				
		Paper Time: From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
	93857	Drug and Pharmaceuticals	Tuesday 16/04/2024		
	93858	Inorganic Chemical Industries	Friday 19/04/2024		
	93859	Selected Topics in Industrial Chemistry	Tuesday 23/04/2024		
		CHOOSE ANY One OF THE FOLLOWING			
	93862	Environmental Chemistry			
	93863	Pharmaceutical Chemistry	Thursday 25/04/2024		
	93864	Chemistry of Industrially Important Materials			

# M.Sc. Biochemistry NEP

	Course code-2353 M.Sc Part-II Sem-III – BIOCHEMISTRY				
	New Revised FromOct 2023 Exam				
		Paper Time: From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
CC- 301	91091	Genetic Engineering	Friday 05/04/2024		
CCS- 302	91092	Biomembrances & Cytoskeleton	Monday 08/04/2024		
DSE -304	91093	Immunology	Friday 12/04/2024		
	Choo	se Any One Of the Following			
CCS-303 (A)	91851	Fermentation Technology			
CCS-303 (B)	91095	Clinical Biochemistry	Monday 15/04/2024		
CCS-303 (C)	91096	Biochemical and Environmental Toxicology			

# M.Sc. Biochemistry

	Course code-2341 M.Sc Part-II Sem-III – BIOCHEMISTRY				
		New Revised FromOct 2022 Exam			
		Paper Time: From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
CC-301	85306	Genetic Engineering	Friday 05/04/2024		
CCS-302	85307	Biomembrances & Cytoskeleton	Monday 08/04/2024		
DSE-304	85308	Immunology	Friday 12/04/2024		
	Choose Any One Of the Following				
CCS-303- A	85309	Fermentation Technology			
CCS-303- B	85310	Clinical Biochemistry	Monday 15/04/2024		
CCS-303- C	85311	Biochemical and Environmental Toxicology			

# M.Sc. BIOCHEMISTRY [ C.B.C.S.]

	Course code-2341 M.sc Part II Sem- IV- BIOCHEMISTRY (C.B.C.S.)				
	New Revised From March 2023				
		Paper Time: From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
CC-401	90505	Research Methodology, Entrepreneurship Development & Communication skill	Thursday 18/04/2024		
CCS-402	90506	Neurochemistry and Carcinogenesis	Wednesday 10/04/2024		
CCS-403	CCS-403 90507 Bioinformatics				
		Choose Any One of the Following			
DSE-404A	90508	Fermentation Technology – II			
DSE-404B	90509	Clinical Biochemistry – II	Tuesday 16/04/2024		
DSE- 404C	90510	Biochemical and Environmental Toxicology-II			

### M.Sc. BIOCHEMISTRY [NEP 2020]

	Course code-2353 M.sc Part II Sem- IV- BIOCHEMISTRY (NEP 2020)					
	New Revised From March 2024					
		Paper Time: From 2.30 pm To 5.30 pm				
Paper No	Paper Code	Paper Name	Day and Date			
CCS-401	93789	Research Methodology, Entrepreneurship Development & Communication Skills	Thursday 18/04/2024			
CCS-402	93790	Neurochemistry and Carcinogenesis	Wednesday 10/04/2024			
	93791 Bioinformatics					
	Choose Any One of the Following					
DSE-404 A	93794	Fermentation Technology – II				
DSE-404 B	93795	Clinical Biochemistry – II	Tuesday 16/04/2024			
DSE- 404 C	93796	Biochemical and Environmental Toxicology-II	]			

#### M.Sc. BIOTECHNOLOGY (NEP 1.0)

Course code- 2353 M.Sc. – II SEM III BIOTECHNOLOGY (NEP 1.0) New Revised (NEP 1.0) From Oct 2023 Exam.				
		Paper Time: From 2.30 pm To 5.30 pm		
Paper No	Paper No Paper Code Paper Name Day and Date			
CC- 301	91091	Genetic Engineering	Friday 05/04/2024	
CCS - 302	CCS - 302 91850 Advances in Plant Biotechnology Monday 08/04/			
DSE - 304	91093	Immunology	Friday 12/04/2024	
CCS - 303	91851	Fermentation Technology-I	Monday 15/04/2024	

#### M.Sc. BIOTECHNOLOGY (New CBCS )

	Course code-2341 M.sc Part-II Sem-III BIOTECHNOLOGY New Revised (New CBCS ) From Oct 2020exam				
		Paper Time: From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
CC-301	85312	Genetic Engineering	Friday 05/04/2024		
CCS-302	CCS-302 85315 Advances in Plant Biotechnology Monday 08/04/202				
DSE-304	85313	Immunology	Friday 12/04/2024		
CC-303	85314	Fermentation Technology-I	Monday 15/04/2024		

### M.Sc. BIOTECHNOLOGY (New CBCS)

	Course code-2341 M.sc Part II Sem- IV- BIOTECHNOLOGY				
	New Revised(CBCS) From March 2021				
		Paper Time: From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
CC401	86615	Animal Tissue culture	Thursday 18/04/2024		
	Choose Any One of the Following				
CCS402A	86618	Advances in Genomics and Proteomics	XX 1 1 10/04/2024		
CCS402B	86619	Microbial Fermentation Technology	Wednesday 10/04/2024		
CCS403	86614	Bioinformatics	Saturday 13/04/2024		
	Choose Any One of the Following				
DSE404A	86621	Nanobiotechnology	Tuesday 16/04/2024		
DSE404B	86620	Fermentation Technology-II	Tuesday 16/04/2024		

#### M.Sc. BIOTECHNOLOGY (NEP 1.0)

Co	Course code-2353 M.Sc Part II Sem- IV- BIOTECHNOLOGY (NEP 1.0) New Revised (NEP 1.0) From March 2024				
		Paper Time: From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
CCS-401	93798	Animal Tissue culture	Thursday 18/04/2024		
	Choose Any One of the Following				
CCS-402 (A)	93801	Advances in Genomics and Proteomics	Wadnesday 10/04/2024		
CCS-402 (B)	93802	Microbial Fermentation Technology	Wednesday 10/04/2024		
CCS-403	93797	Bioinformatics	Saturday 13/04/2024		
DSE404 (A)	93803	Nanobiotechnology	T 1 16/04/2024		
DSE404 (B)	93804	Fermentation Technology-II	Tuesday 16/04/2024		

#### M.Sc. Microbiology [ NEP 1.0 ]

Course code-2353 M.Sc Part-II Sem-III- Microbiology (NEP 1.0)  New Revised (NEP 1.0) From Oct 2023 Exam  Paper Time: From 2.30 pm To 5.30 pm				
Paper No	Paper Code	Paper Name	Day and Date	
CC-301	91091	Genetic Engineering	Friday 5/04/2024	
CCS-302	91848	Microbial Diversity and Extremophils	Monday 8/04/2024	
DSE-304	91093	Immunology	Friday 12/04/2024	
CCS-303	91851	Fermentation Technology	Monday 15/04/2024	

#### M.Sc. Microbiology [ New C.B.C.S.]

Course code-2341 M.Sc Part-II Sem-III- Microbiology (New C.B.C.S. ) New Revised (New CBCS) From Oct 2020 Exam				
		Paper Time: From 2.30 pm To 5.30 pm		
Paper No	Paper Code	Paper Name	Day and Date	
CC-301	85408	Genetic Engineering	Friday 5/04/2024	
CCS-302	85409	Microbial Diversity and Extremophils	Thursday 8/04/2024	
DSE-304	85410	Immunology	Friday 12/04/2024	
CCS-303	85407	Fermentation Technology	Monday 15/04/2024	

#### M.Sc. MICROBIOLOGY (New C.B.C.S.)

Cor	Course code-2341 M.sc part-II Sem-IV MICROBIOLOGY (New C.B.C.S. )				
	New Revised(CBCS) From March 2021				
	Paper Time: From 2.30 am To 5.30 pm				
Paper No	Paper Code	Paper Name	Day and Date		
CC-401	86723	Food and Dairy Microbiology	Thursday 18/04/2024		
CCS-402	86724	Microbial Fermentation Technology	Wednesday 10/04/2024		
CCS-403	86725	Bioinformatics	Saturday 13/04/2024		
DSE-404	86726	Medical Microbiology	Tuesday 16/04/2024		

#### M.Sc. MICROBIOLOGY (NEP 1.0)

	Course code-2353 M.sc part-II Sem-IV MICROBIOLOGY (NEP 1.0)					
	New Revised (NEP 1.0) From March 2024					
	I	Paper Time: From 2.30 pm To 5.30 pm				
Paper No	Paper Code	Paper Name	Day and Date			
CC-401	93872	Food and Dairy Microbiology	Thursday 18/04/2024			
CCS-402	93873	Microbial Fermentation Technology	Wednesday 10/04/2024			
CCS-403	93874	Bioinformatics	Saturday 13/04/2024			

#### M.Sc. Pharmaceutical Microbiology [ NEP 1.0 ]

Medical Microbiology

DSE-404

93875

Course code-2353 M.Sc Part-II Sem-III- Pharmaceutical Microbiology (NEP 1.0) New Revised (NEP 1.0) From Oct -2023 Exam				
		per Time: From 2.30 pm To 5.30 pm		
Paper No	Paper Code	Paper Name	Day and Date	
CC-301	91091	Genetic Engineering	Friday 05/04/2024	
CCS-302	91848	Microbial Diversity and Extremophils	Monday 8/04/2024	
DSE-304	91093	Immunology	Friday 12/04/2024	
CCS-303	91849	Pharmaceutical Microbiology	Monday 15/04/2024	

#### M.Sc. Pharmaceutical Microbiology [ New C.B.C.S.]

Tuesday 16/04/2024

Course code-2341 M.Sc Part-II Sem-III- Pharmaceutical Microbiology (New C.B.C.S. ) New Revised (New CBCS) From Oct 2021 Exam				
	P	Paper Time: From 2.30 pm To 5.30 pm		
Paper No	Paper Code	Paper Name	Day and Date	
CC-301	85418	Genetic Engineering	Friday 05/04/2024	
CCS-302	85420	Microbial Diversity and Extremophils	Monday 8/04/2024	
DSE-304	85421	Immunology	Friday 12/04/2024	
CCS-303	85419	Pharmaceutical Microbiology	Monday 15/04/2024	

#### M.Sc. Pharmaceutical Microbiology [ C.B.C.S.]

Course code-2341 M.Sc Part-II Sem-IV- Pharmaceutical Microbiology (C.B.C.S.)  New Revised From Marc 2021 Exam				
	Pa	per Time: From 2.30 pm To 5.30 pm		
Paper No	Paper Code	Paper Name	Day and Date	
CC401	90499	Quality Management and IPR	Thursday 18/04/2024	
CCS402	90500	Fermentation Technology and Process Designing	Wednesday 10/04/2024	
CCS403	90501	Bioinformatics	Saturday 13/04/2024	
DSE404	90502	Medical Microbiology	Tuesday 16/04/2024	

#### M.Sc. Pharmaceutical Microbiology [ NEP 1.0 ]

#### Course code-2353 M.Sc Part-II Sem-IV- Pharmaceutical Microbiology (NEP 1.0) New Revised (NEP 1.0) From March 2024 Exam

Paper Time: From 2.30 pm To 5.30 pm

			- ·	
Paper	No	Paper Code	Paper Name	Day and Date
CCS-4	101	93969	Quality Management and IPR	Thursday 18/04/2024
CCS-4	102	93970	Fermentation Technology and ProcessDesigning	Wednesday 10/04/2024
CCS-	403	93971	Bioinformatics	Saturday 13/04/2024
DSE-4	104	93972	Medical Microbiology	Tuesday 16/04/2024

#### M.Sc. Agro Chemical & Pest Management [ C.B.C.S. ] NEP

# **Exam Course code-2353** Branch M.Sc Part-II Sem-III - AGRO CHEMICAL & PEST MANAGEMNT (C.B.C.S.)

#### **New Revised From Oct 2023**

Paper Time: From 2.30 pm To 5.30 pm

Paper No	Paper Code	Paper Name	Day and Date
CC-301	91040	Pesticide Residues And Toxicology	Monday 15/04/2024
CCS-302	91041	Pest of Crop Plants And Their Control-I	Thursday 18/04/2024
CCS-303	91042	Analysis of Agrochemical	Saturday 20/04/2024
DSE-304	91043	Diseases of Vegetables Fruit tress, Plantation, Forest Ornamental Plants	Monday 22/04/2024

#### M.Sc. Agro Chemical & Pest Management [ C.B.C.S. ](New)

Course co	Course code-2341 Branch M.Sc Part-II Sem-III - AGRO CHEMICAL & PEST MANAGEMNT (C.B.C.S.)				
	New Revised From Oct 2022 Exam				
		Paper Time: From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
IX	86363	Pesticide Residues And Toxicology	Monday 15/04/2024		
X	86364	Pest of Crop Plants And Their Control-I	Thursday 18/04/2024		
XI	86365	Analysis of Agrochemical	Saturday 20/04/2024		
XII	86366	Diseases of Vegetables Fruit tress,Plantation,Forest Ornamental Plants	Monday 22/04/2024		

#### M.Sc. Agro Chemical & Pest Management [ C.B.C.S. ](New)

Course	Course code-2341 M.Sc Part-II Sem-IV - AGRO CHEMICAL & PEST MANAGEMNT (C.B.C.S.)					
	New Revised From March 2023 Exam					
	Pa	per Time: From 10.30 am To 1.30 pm				
Paper No	Paper Code	Paper Name	Day and Date			
XIII	86565	Agro-based Marketing Management	Tuesday 16/04/2024			
XIV	86566	Pests Of Crop Plants And Their Control- II	Friday 19/04/2024			
XV	86567	Manufacture Of Agrochemicals	Tuesday 23/04/2024			
XVI	86568	Agricultural Bio-Technology andIntegrated Disease Management	Thursday 25/04/2024			

#### M.Sc. Agro Chemical & Pest Management [ NEP 2020 ]

Course c	Course code-2353 M.Sc Part-II Sem-IV - AGRO CHEMICAL & PEST MANAGEMNT (NEP 2020) New Revised From March 2024 Exam				
	Pa	per Time: From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
	93757	Agro-based Marketing Management	Tuesday 16/04/2024		
	93758	Pests Of Crop Plants And Their Control- II	Friday 19/04/2024		
	93759	Manufacture Of Agrochemicals	Tuesday 23/04/2024		
	93760	Agricultural Bio-Technology andIntegrated Disease Management	Thursday 25/04/2024		

#### M.Sc. General MICROBIOLOGY [C.B.C.S.-] NEP

Course code-2353 M.Sc Part-II Sem-III General MICROBIOLOGY				
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	
IX, CC - 301	91099	Biostatistics Bioinformatics & Scientific Writings	Monday 15/04/2024	
X, CCS – 302	91100	Enzymology and Enzyme Technology	Thursday 18/04/2024	
XI, CCS- 303	91094	Fermentation Technology	Saturday 20/04/2024	
DSE - 304	91101	Quality Control Microbiology	Monday 22/04/2024	

#### M.Sc. General MICROBIOLOGY [C.B.C.S.-]

Course code-2341 M.Sc Part-II Sem-III General MICROBIOLOGY				
New Revised From Oct 2022 Exam				
Paper Time: From 2.30 pm To 5.30 pm				
Paper No	Paper Code	Paper Name	Day and Date	
MIC-301	85363	Biostatistics Bioinformatics & Scientific Writings	Monday 15/04/2024	
MIC-302	85364	Enzymology and Enzyme Technology	Thursday 18/04/2024	
MIC-303	85365	Fermentation Technology	Saturday 20/04/2024	
MIC-304	85366	Quality Control Microbiology	Monday 22/04/2024	

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

Course code-2341 M.Sc Part-II Sem-IV 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		
MIC-401	86684	Food and Dairy Microbiology	Tuesday 16/04/2024		
MIC-402	86685	Industrial Waste Management	Friday 19/04/2024		
MIC-403	86686	Recombinat DNA Technology	Tuesday 23/04/2024		
MIC-404	86687	Quality Control Microbiology	Thursday 25/04/2024		

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

Course code-2353 M.Sc Part-II Sem-IV General MICROBIOLOGY (NEP 2020)				
From March 2024 Exam				
Paper Time: From 10.30 am To 1.30 pm				
Paper No	Paper Code	Paper Name	Day and Date	
	93845	Food and Dairy Microbiology	Tuesday 16/04/2024	
	93846	Industrial Waste Management	Friday 19/04/2024	
	93847	Recombinat DNA Technology	Tuesday 23/04/2024	
	93848	Quality Control Microbiology	Thursday 25/04/2024	

#### M.Sc. Geology[C.B.C.S.] NEP

Course Code – 2353 M.Sc. Part-II Sem-III Geology					
	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		
CC-301	91084	Hydrogeology	Monday 15/04/2024		
CCS-302	91085	Geophysics and ExplorationMethods	Thursday 18/04/2024		
CCS-303	91086	Geochemistry	Saturday 20/04/2024		
DSE-304	Choose Any One of the Following				
	91087	Gemmnology and Industrial Mineralogy			
	91088	Mining Geology			
	91089	Marine Geology	Monday 22/04/2024		
	91090	Geoinformatics			

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

Course Code -2341 M.Sc. Part-II Sem-III Geology					
	New Revised FromOct- 2022 Exam				
		Paper Time: From 2.30 pm To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date		
CC-301	85367	Hydrogeology	Monday 15/04/2024		
CCS-302	85368	Geophysics and ExplorationMethods	Thursday 18/04/2024		
CCS-303	85369	Geochemistry	Saturday 20/04/2024		
	Choose Any One of the Following				
	85370	Gemology & Industrial Mineralogy			
DSE-304	85371	Mining Geology	NA 1 22/04/2024		
	85372	Marine Geology	Monday 22/04/2024		
	85373	Geoinformatics	]		

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

#### Course code-2341 M.Sc. Part-II Sem-IV Geology New Revised From March 2023

Paper Time: From 10.30 am To 1.30 pm

Paper No	Paper Code	Paper Name	Day and Date
XIII	86690	Engineering Geology and Geotechniques	Tuesday 16/04/2024
XIV	86691	Natural Resource Management	Friday 19/04/2024
XV	86692	Environmental Geology	Tuesday 23/04/2024

M.Sc. Geology [NEP 2020]

#### Course code-2353 M.Sc. Part-II Sem-IV Geology [NEP 2020] New Revised From March 2024

Paper Time: From 10.30 am To 1.30 pm

Paper No	Paper Code	Paper Name	Day and Date
	93851	Engineering Geology and Geotechniques	Tuesday 16/04/2024
	93852	Natural Resource Management	Friday 19/04/2024
	93853	Environmental Geology	Tuesday 23/04/2024

Note:- In Case of any Query found in respective Question Paper ,Student shall communicate thesame 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

Vidyanagar,

Kolhapur-416004 Date: 11--03-2024 Sd/Dr. Ajitsinh N Jadhav
Director
Board of Examinations And Evaluation