



## SHIVAJI UNIVERSITY, KOLHAPUR.

### Circular No. 179 Winter Session Theory Exam

Draft 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 :-** 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, <b>Kolhapur</b>
3	M.Sc. Geology	260	Gopal Krishna Gokhale College, <b>Kolhapur</b> Dist-Kolhapur
4	M.Sc Organic Chemistry	01	Vivekanand College, <b>Kolhapur</b> Dist-Kolhapur
5	M.Sc. Physical Chemistry	32	Rajarshri Chh. Shahu College <b>Kadamwadi Kolhapur</b>
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 <b>Ichalkaranji</b> Dist -Kolhapur
10	M. Sc. Computer Science, M.Sc Organic Chemistry	03	Shivraj College of Arts, Commerce & D. S. Kadam Science college <b>Gadhinglaj</b> Dist.Kolhapur.
11	M.Sc General Microbiology, Analytical Chemistry	47	Dr.Ghali college Gadhinglaj Dist-Kolhapur
12	M.Sc. Computer Science,. 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	86	Balwant College, <b>Vita</b> Dist-Sangli

	Microbiology		
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 Mahavidyalaya, <b>Kadegaon</b> Dist Sangli
22	M.Sc Botany, Organic Chemistry, Zoology, Electronics	149	Yashwantrao Chavan Institute of Science <b>Satara</b> , Dist-Satara
23	M.Sc. Analytical Chemistry, Zoology, Organic Chemistry	145	Lal Bahadur Shastri college <b>Satara</b>
24	M.Sc. Organic Chemistry	164	Dahiwadi College, <b>Dahiwadi</b> Dist-Satara
25	M.Sc., Analytical Chemistry, Microbiology (CBCS-R), General Microbiology, Botany, Comp Sci, Organic Chemi	158	Yashwantrao Chavan college of Science College, <b>Karad</b> Dist-Satara
26	M.Sc. Zoology, Computer Sci, Organic Chemistry.	156	Sadguru 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 Mahavidyalaya <b>Jath</b> Dist Sangli
30	M.Sc. Analytical Chemistry, Zoology	50	Yashwantrao Chavan Warna Mahavidylaya <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 Sangli.
33	M.Sc. Analytical,, Organic Chemistry	106	Deshbhakat Anandrao Balwantrao Naik Arts & Science College <b>Chikkali</b> Tal-Shirala Dist-Sangli
34	M.Sc. Analytical Chemistry	103	Krantisinh Nana Patil Mahavidyalaya <b>Walva</b> Tal: Walva Dist-Sangli
35	M.sc Organic chemistry	83	Shikshan Maharashi Dr.Bapuji Salunkhe Mahavidyalaya <b>Miraj</b> Dist Sangli
36	M.Sc General Microbiology	84	Miraj Mahavidyalaya <b>Miraj</b> Dist Sangli
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
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 R..K.Patil Arts, Commerce and Science college Sankh, Tal-Jat, Dist-Sangli - 416412
43	M.Sc Organic Chemistry	89	Raja Shripathrao Bhagwantrao Mahavidyalaya 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

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

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

Course Code- 2341 Branch –M.Sc Part II-Sem-III ZOOLOGY ( 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-301	85462	Genetics	Monday 15/04/2024
<b>CHOOSE ANY ONE OF THE FOLLOWING</b>			
CBE-302	85463	Enzymology	Thursday 18/04/2024
	89057	Laboratory Animals in Biomedical Research	
<b>CHOOSE ANY ONE OF THE FOLLOWING</b>			
CCS-303	85464	Molecular Biology of the Gene	Saturday 20/04/2024
	85465	Animal Physiology	
	85466	Basic Entomology	
	85467	Fisheries Resources Inland and Marine fisheries	
	85468	General Sericulture and management of Mulberry	
<b>CHOOSE ANY ONE OF THE FOLLOWING</b>			
CCS-304	85469	Development Biology	Monday 22/04/2024
	85470	Applied Physiology	
	85471	Agricultural Entomology	
	85472	Fish Pathology & Reproductive Endocrinology	
	85473	Silkworm Biology and Rearing Technology	

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

Course Code-2341 Branch –M.Sc Part II-Sem-IV ZOOLOGY ( 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
CC-401	86787	Animal Cell Culture	Tuesday 16/04/2024
CBE-402	<b>CHOOSE ANY ONE OF THE FOLLOWING</b>		Friday 19/04/2024
	86800	Toxicology	
	86801	Evolution and Behavior	
<b>CHOOSE ANY ONE OF THE FOLLOWING</b>			
CCS-403	86793	Immunology	Tuesday 23/04/2024
	86790	Physiology of Health	
	86791	Insect Anatomy and Physiology	
	86792	Aquaculture practices	
	86794	Breeding of silkworm,mulberry& cytogenetics	
<b>CHOOSE ANY ONE OF THE FOLLOWING</b>			
CCS-404	86795	Cell Pathology	Thursday 25/04/2024
	86796	Clinical Physiology	
	86797	Pest Management Concepts	
	86798	Fishery Technology	
	86799	Silkworm Seed, Silk Production Technology and Economics	

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

Course Code-2353 Branch –M.Sc Part II-Sem-IV ZOOLOGY ( 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
CC-401	93954	Animal Cell Culture	Tuesday 16/04/2024
CBE-402	<b>CHOOSE ANY ONE OF THE FOLLOWING</b>		Friday 19/04/2024
	93957	Physiology of Health (PHHEL)	
	93958	Insect Anotomy & Physiology (IAP)	
	93960	Aquaculture Pratices (AQPRA)	
	93961	Immunology (IMM)	
	93959	Breeding of Silkworm, Mulberry & Cytogenetis (BSMC)	
<b>CHOOSE ANY ONE OF THE FOLLOWING</b>			
CCS-403	93964	Call Pathology (CELPAT)	Tuesday 23/04/2024
	93965	Clinical Physiology (CLIPH)	
	93962	Pest Management Concepts (PESMG)	
	93966	Fishery Technology (FISH)	
	93963	Silkworm Seed Silk Production Technology and Economics	
<b>CHOOSE ANY ONE OF THE FOLLOWING</b>			
CCS-404	93967	Toxicology (TOXI)	Thursday 25/04/2024
	93968	Evolution And Behaviour (E&B)	

## 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 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	PHP	Thursday 18/04/2024
<b>Choose Any One of the Following</b>			
CCS-304	91871	Software Quality Assurance	Saturday 20/04/2024
	91872	Advanced Data & Science	
	91873	Network Security Analyst	
	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 Oct2022 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
<b>Choose Any One of the following</b>			
CE-304	85336	Software Quality Assurance	Saturday 20/04/2024
	85337	Advanced Data & Science	
	85338	Network Security Analyst	
	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 Paper Time : From 20.30 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
<b>PAPER NO. XII :- CHOOSE ANY ONE OF THE FOLLOWING PAPER</b>			
XII, PCH.3.4 (A)	92056	Solid State Chemistry	Monday 22/04/2024
XII, PCH.3.4 (B)	92057	Advanced Chemical Kinetics	
XII, PCH.3.4 (C)	92058	Radiation and Photochemistry	

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

Course code-2341 M.Sc Part II :- Sem III PHYSICAL CHEMISTRY (C.B.C.S.)			
New Revised From Oct 2023 Exam			
Paper Time : From 20.30 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
<b>PAPER NO. XII :- CHOOSE ANY ONE OF THE FOLLOWING PAPER</b>			
XII	85425	Solid State Chemistry	Monday 22/04/2024
	85426	Advanced Chemical Kinetics	
	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.)			
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
XIII	86779	Thermodynamics and Molecular Modeling	Tuesday 16/04/2024
XIV	86780	Chemical Kinetics	Friday 19/04/2024
XV	86781	Molecular Structure – II	Tuesday 23/04/2024
<b>PAPER NO. XVI :- CHOOSE ANY ONE OF THE FOLLOWING PAPER</b>			
PAPER NO.XVI	86784	Surface Chemistry	Thursday 25/04/2024
	86785	Chemistry of Materials	
	86786	Biophysical chemistry	

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

Course code-2353 M.Sc Part II :- Sem IV PHYSICAL CHEMISTRY (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
CC	93885	Thermodynamics and Molecular Modelling (TMM)	Tuesday 16/04/2024
	93886	Chemical Kinetics (CK)	Friday 19/04/2024
	93887	Molecular Structure –II (MOSTR1)	Tuesday 23/04/2024
<b>CHOOSE ANY ONE OF THE FOLLOWING PAPER</b>			
	93890	Surface Chemistry	Thursday 25/04/2024
	93891	Chemistry of Materials	
	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 From Oct 2022 Exam Paper Time : From 2.30 am 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
<b>PAPER NO. XII :- CHOOSE ANY ONE OF THE FOLLOWING PAPER</b>			
XII, ACH-3.4 (A)	92062	Environmental chemical Analysis and control	Monday 22/04/2024
XII, ACH-3.4 (B)	92063	Recent advances in Analytical Chemistry	
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 From Oct 2022 Exam Paper Time : From 2.30 am To 5.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
IX	85284	Advanced Analytical Techniques	Monday 15/04/2024
X	85285	Organo Analytical chemistry	Thursday 18/04/2024
XI	85286	Electro analytical Techniques in chemical Analysis	Saturday 20/04/2024
<b>PAPER NO. XII :- CHOOSE ANY ONE OF THE FOLLOWING PAPER</b>			
<b>PAPER NO. XII</b>	85288	Environmental chemical Analysis and control	Monday 22/04/2024
	85289	Recent advances in Analytical Chemistry	
	85287	Chemical Analysis in Agro Food And Pharmaceutical Industries	

## 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 From March 2023 Exam 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
<b>CHOOSE ANY ONE OF THE FOLLOWING PAPER</b>			
XVI	86577	Applied Analytical Chemistry	Thursday 25/04/2024
	86578	Quality Assurance and Accreditation	
	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 From March 2024 Exam Paper Time : From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC	93763	Modern Separation method in Analysis	Tuesday 16/04/2024
	93764	Organic Industrial Analysis	Friday 19/04/2024
	93765	Advanced Methods in Chemical Analysis	Tuesday 23/04/2024
<b>CHOOSE ANY ONE OF THE FOLLOWING PAPER</b>			
	93769	Applied Analytical Chemistry	Thursday 25/04/2024
	93770	Quality Assurance and Accreditation	
	93768	Techniques in Forensic Science and Microbiological Analysis	

### 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 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 -3 01	92048	Inorganic Chemical Spectroscopy	Monday 15/04/2024
X, CCS - 302	92049	Co-Ordination Chemistry	Thursday 18/04/2024
XI, CCS - 303	92050	Nuclear Chemistry	Saturday 20/04/2024
<b>PAPER NO:-XII CHOOSE ANY ONE OF THE FOLLOWING PAPER</b>			
XII, ICH 3.4 (A)	92051	Organometallic and Bioinorganic Chemistry	Monday 22/04/2024
XII, ICH 3.4 (B)	92052	Selected Topics in Inorganic chemistry	

### 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 From Oct 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
<b>PAPER NO:-XII CHOOSE ANY ONE OF THE FOLLOWING PAPER</b>			
XII	85384	Organometallic and Bioinorganic Chemistry	Monday 22/04/2024
	85385	Selected Topics in Inorganic chemistry	

### 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 From March 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
<b>CHOOSE ANY ONE OF THE FOLLOWING PAPER</b>			
XVI	86709	Energy and Environmental Chemistry	Thursday 25/04/2024
	86710	Radiation Chemistry	



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

Course code-2353 M.Sc Part II :- Sem IV Inorganic CHEMISTRY (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
	93865	Instrumental Techniques	Tuesday 16/04/2024
	93866	Co-Ordination Chemistry	Friday 19/04/2024
	93867	Chemistry of Inorganic Materials	Tuesday 23/04/2024
<b>CHOOSE ANY ONE OF THE FOLLOWING PAPER</b>			
	93870	Energy and Environmental Chemistry	Thursday 25/04/2024
	93871	Radiation Chemistry	

### 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 am 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
<b>CHOOSE ANY ONE OF THE FOLLOWING PAPER</b>			
XII, OCH 3.4(A)	92068	Drugs and Heterocycles	Monday 22/04/2024
XII, OCH 3.4 (B)	92069	Polymer chemistry	

### 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 am 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
<b>CHOOSE ANY ONE OF THE FOLLOWING PAPER</b>			
XII	85416	Drugs and Heterocycles	Monday 22/04/2024
	85417	Polymer chemistry	

### 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			
XVI	86734	Applied Organic Chemistry	Thursday 25/04/2024
	86735	Bio-organic Chemistry	

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

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	Paper Code	Paper Name	Day and Date
	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	

### 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 From Oct 2023 Exam			
Paper 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	Monday 22/04/2024
XII, APCH –3.4 (B)	92046	Applied Analytical Chemistry-I	
XII, APCH –3.4 (C)	92047	Bioorganic Chemistry-I	

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

Course code-2341 M.Sc Part II :- Sem III Applied 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	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
Paper No XII CHOOSE <u>ANY ONE</u> OF THE FOLLOWING PAPER			
XII	85293	Advanced Organic chemistry-I	Monday 22/04/2024
	85294	Applied Analytical Chemistry-I	
	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 From March 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 <u>ANY ONE</u> OF THE FOLLOWING PAPER			
XVI	86584	Inorganic Chemical Industries	Thursday 25/04/2024
	86585	Pollution Monitoring Control	
	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 From March 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 <u>ANY ONE</u> OF THE FOLLOWING PAPER			
	93776	Inorganic Chemical Industries	Thursday 25/04/2024
	93777	Pollution Monitoring and Control	
	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			
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
IX, CC- 301	91024	Cytogenetic & Crop Improvement	Friday 12/04/2024
XII CC- 304	91025	Biotechnology and Genetic Engineering	Monday 15/04/2024
<b>CHOOSE ANY ONE OF THE FOLLOWING</b>			
X, CCS - 302	91026	Adv.Plant Physiology & Plant Biochemistry	Thursday18/04/2024
	91027	Taxonomy of Fungi	
	91028	Cytogenetic	
	91029	Environment & Its Aspects	
	91030	The evolution and Classification of Angiosperm	
	91031	General Marine Botany	
	91032	Plant Tissue Culture	
<b>CHOOSE ANY ONE OF THE FOLLOWING</b>			
XI, CC - 303	91033	Plant Growth & Development	Saturday 20/04/2024
	91034	Integrated Disease Management	
	91035	Plant Breeding	
	91036	Population & Community Ecology	
	91037	Modern Trends in Angiosperm Taxonomy	
	91038	Physiology & Biochemistry of Marine Plants	
	91039	Molecular Biotechnology & Genetic Engineering	

## 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
<b>CHOOSE ANY ONE OF THE FOLLOWING</b>			
CCS-302	85319	Adv.Plant Physiology & Plant Biochemistry	Thursday18/04/2024
	85320	Taxonomy of Fungi	
	85321	Cytogenetic	
	85322	Environment & Its Aspects	
	85323	The evolution and Classification of Angiosperm	
	85324	General Marine Botany	
	85325	Plant Tissue Culture	
<b>CHOOSE ANY ONE OF THE FOLLOWING</b>			
CCS-303	85326	Plant Growth & Development	Saturday 20/04/2024
	85327	Integrated Disease Management	
	85328	Plant Breeding	
	85329	Population & Community Ecology	
	85330	Modern Trends in Angiosperm Taxonomy	
	85331	Physiology & Biochemistry of Marine Plants	
	85332	Molecular Biotechnology & Genetic Engineering	

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

Course code-2341 M.Sc Part II, Sem – IV BOTANY			
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 ANY ONE OF THE FOLLOWING			
CCS-402	86626	Stress Physiology of Plants	Tuesday 16/04/2024
	86627	Industrial Mycology	
	86628	Molecular Genetics	
	86629	Experimental Ecology and Energy studies	
	86630	Angiosperm Taxonomy Floristics & Biosystematics	
	86631	Marine Ecology	
	86632	Application and Prospects of Plant Tissue culture	
CHOOSE ANY ONE OF THE FOLLOWING			
CCS-403	86635	Applied Plant Physiology	Friday 19/04/2024
	86636	Integrated Disease Management	
	86637	Special Approaches in Genetic Improvement of Crop Plants	
	86638	Environmental issues assessment and Restoration	
	86639	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 & Evaluation	Saturday 13/04/2024
CHOOSE ANY ONE OF THE FOLLOWING			
CCS-402	93809	Stress Physiology of Plants	Tuesday 16/04/2024
	93810	Industrial Mycology	
	93811	Molecular Genetics	
	93812	Experimental Ecology and Energy studies	
	93813	Angiosperm Taxonomy Floristics & Biosystematics	
	93814	Marine Ecology	
	93815	Application and Prospects of Plant Tissue culture	
CHOOSE ANY ONE OF THE FOLLOWING			
CCS-403	93816	Applied Plant Physiology	Friday 19/04/2024
	93817	Integrated Disease Management	
	93818	Special Approaches in Genetic Improvement of Crop Plants	
	93819	Environmental issues assessment and Restoration	
	93820	Phylogeny & floral Biology of Angiosperm	
	93822	Application, Regulation and Patenting Biotechnology	
	93821	Applied Marine Botany	

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

Course code-2353 M.Sc Part II :- Sem.-III 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
<b>CHOOSE ANY ONE OF PAPER FROM DSE-304</b>			
DSE-304	91017	Industrial Automation	Monday 22/04/2024
	91018	Biomedical Instrumentation	
	91019	MATLAB Programming for Numerical Computation	
	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 :- Sem.-III 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
<b>CHOOSE ANY ONE OF PAPER FROM DSE-304</b>			
DSE-304	85343	Industrial Automation	Monday 22/04/2024
	85344	Biomedical Instrumentation	
	85345	MATLAB Programming for Numerical Computation	
	85346	Hardware-Software Co-design	
	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
<b>- CHOOSE ANY One OF THE FOLLO</b>			
DSE-404	86658	Advanced Drives	Monday 22/04/2024
	86661	Artificial Intelligence & Machine Learning	
	86657	IOT & Data Analytics	
	86655	ARM Programming and Embedded Communication Protocols	
	86660	FPGA Based Systems	
	86659	Antennas	
	86662	Mechnatronics	
	86656	Cellular Mobile communication	

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

Course code-2353 M.Sc Part II :- Sem.-IV 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
<b>CHOOSE ANY ONE OF PAPER FROM DSE-305</b>			
DSE-305	93836	ARM Programming and Embedded Communication Protocols	Thursday 25/04/2024
	93840	Cellular Mobile Communications	
	93835	IoT & Data Analytics	
	93833	Advanced Drives	
	93838	Antennas	
	93837	FPGA Based Systems	
	93834	Artificial Intelligence & Machine Learning	
	93839	Mechatronics	

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

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
<b>CHOOSE ANY ONE</b>			
IND- E 01	92073	General Chemical Technology	Monday 22/04/2024
IND- E 02	92074	Advanced Analytical Techniques in Industry	
IND- E 03	92075	Chemical Analysis in Agro, Food and Pharmaceutical Industries	

### 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
IND-1TO 3	<b>CHOOSE ANY ONE IND-1TO 3</b>		Monday 22/04/2024
	85379	General Chemical Technology	
	85380	Advanced Analytical Techniques in Industry	
	85374	Chemical Analysis in Agro, Food and Pharmaceutical Industries	

### 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 from March 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
XVI	<b>CHOOSE ANY One OF THE FOLLOWING</b>		Thursday 25/04/2024
	86701	Environmental Chemistry	
	86702	Pharmaceutical Chemistry	
	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 from March 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
	<b>CHOOSE ANY One OF THE FOLLOWING</b>		Thursday 25/04/2024
	93862	Environmental Chemistry	
	93863	Pharmaceutical Chemistry	
	93864	Chemistry of Industrially Important Materials	



### M.Sc. Biochemistry NEP

Course code-2353 M.Sc Part-II Sem-III – BIOCHEMISTRY 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	91091	Genetic Engineering	Friday 05/04/2024
CCS- 302	91092	Biomembrances & Cytoskeleton	Monday 08/04/2024
DSE -304	91093	Immunology	Friday 12/04/2024
Choose Any One Of the Following			
CCS-303 (A)	91851	Fermentation Technology	Monday 15/04/2024
CCS-303 (B)	91095	Clinical Biochemistry	
CCS-303 (C)	91096	Biochemical and Environmental Toxicology	

### M.Sc. Biochemistry

Course code-2341 M.Sc Part-II Sem-III – BIOCHEMISTRY 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	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	Monday 15/04/2024
CCS-303- B	85310	Clinical Biochemistry	
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 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC-401	90505	Entrepreneurship Development & Communication skill	Saturday 06/04/2024
CCS-402	90506	Neurochemistry and Carcinogenesis	Wednesday 10/04/2024
CCS-403	90507	Bioinformatics	Saturday 13/04/2024
Choose Any One of the Following			
DSE-404A	90508	Fermentation Technology – II	Tuesday 16/04/2024
DSE-404B	90509	Clinical Biochemistry – II	
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 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CCS-401	93789	Research Methodology, Entrepreneurship Development & Communication Skills	Saturday 06/04/2024
CCS-402	93790	Neurochemistry and Carcinogenesis	Wednesday 10/04/2024
	93791	Bioinformatics	Saturday 13/04/2024
<b>Choose Any One of the Following</b>			
DSE-404A	93794	Fermentation Technology – II	Tuesday 16/04/2024
DSE-404B	93795	Clinical Biochemistry – II	
DSE-404C	93796	Biochemical and Environmental Toxicology– II	

## M.Sc. BIOTECHNOLOGY (CBCS) NEP

Course code- 2353 M.Sc. – II SEM III BIOTECHNOLOGY (CBCS) NEP New Revised From Oct 2022 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- 301	91091	Genetic Engineering	Friday 05/04/2024
DSE – 304	91093	Immunology	Monday 08/04/2024
CCS – 303	91851	Fermentation Technology-I	Friday 12/04/2024
CCS - 302	91850	Advances in Plant Biotechnology	Monday 15/04/2024

## M.Sc. BIOTECHNOLOGY

Course code-2341 M.sc Part-II Sem-III BIOTECHNOLOGY 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	85312	Genetic Engineering	Friday 05/04/2024
DSE-304	85313	Immunology	Monday 08/04/2024
CC-303	85314	Fermentation Technology-I	Friday 12/04/2024
CCS-302	85315	Advances in Plant Biotechnology	Monday 15/04/2024

## M.Sc. BIOTECHNOLOGY

Course code-2341 M.sc Part II Sem- IV- BIOTECHNOLOGY New Revised From March 2023 Paper Time : From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
CC401	86615	Animal Tissue culture	Saturday 06/04/2024
CCS403	86614	Bioinformatics	Wednesday 10/04/2024
<b>Choose Any One of the Following</b>			
CCS402A	86618	Advances in Genomics and Proteomics	Saturday 13/04/2024
CCS402B	86619	Microbial Fermentation Technology	
<b>Choose Any One of the Following</b>			
DSE404A	86621	Nanobiotechnology	Tuesday 16/04/2024
DSE404B	86620	Fermentation Technology-II	

## M.Sc. BIOTECHNOLOGY

### Course code-2353 M.sc Part II Sem- IV- BIOTECHNOLOGY

New Revised From March 2024

Paper Time : From 10.30 am To 1.30 pm

Paper No	Paper Code	Paper Name	Day and Date
	93798	Animal Tissue culture	Saturday 06/04/2024
	93797	Bioinformatics	Wednesday 10/04/2024
<b>Choose Any One of the Following</b>			
	93801	Advances in Genomics and Proteomics	Saturday 13/04/2024
	93802	Microbial Fermentation Technology	
<b>Choose Any One of the Following</b>			
DSE404A	93803	Nanobiotechnology	Tuesday 16/04/2024
DSE404B	93804	Fermentation Technology-II	

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

### Course code-2353 M.Sc Part-II Sem-III- Microbiology ( C.B.C.S. )

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	91091	Genetic Engineering	Monday 15/04/2024
CCS-302	91848	Microbial Diversity and Extremophils	Thursday 18/04/2024
CCS-303	91851	Fermentation Technology	Saturday 20/04/2024
DSE-304	91093	Immunology	Monday 22/04/2024

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

### Course code-2341 M.Sc Part-II Sem-III- Microbiology ( 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
CC-301	85408	Genetic Engineering	Monday 15/04/2024
CCS-302	85409	Microbial Diversity and Extremophils	Thursday 18/04/2024
CCS-303	85407	Fermentation Technology	Saturday 20/04/2024
DSE-304	85410	Immunology	Monday 22/04/2024

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

### Course code-2341 M.sc part-II Sem-IV MICROBIOLOGY ( 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
CC-401	86723	Food and Dairy Microbiology	Tuesday 16/04/2024
CCS-402	86724	Microbial Fermentation Technology	Friday 19/04/2024
CCS-403	86725	Bioinformatics	Tuesday 23/04/2024
DSE-404	86726	Medical Microbiology	Thursday 25/04/2024

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

<b>Course code-2353 M.sc part-II Sem-IV MICROBIOLOGY ( NEP 2020 )</b>			
<b>New Revised From March 2024</b>			
<b>Paper Time : From 10.30 am To 1.30 pm</b>			
Paper No	Paper Code	Paper Name	Day and Date
CC-401	93872	Food and Dairy Microbiology	Tuesday 16/04/2024
CCS-402	93873	Microbial Fermentation Technology	Friday 19/04/2024
CCS-403	93874	Bioinformatics	Tuesday 23/04/2024
DSE-404	93875	Medical Microbiology	Thursday 25/04/2024

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

<b>Course code-2353 M.Sc Part-II Sem-III- Pharmaceutical Microbiology ( C.B.C.S. )</b>			
<b>New Revised From Oct -2023 Exam</b>			
<b>Paper Time : From 2.30 pm To 5.30 pm</b>			
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 08/04/2024
CCS-303	91849	Pharmaceutical Microbiology	Friday 12/04/2024
DSE-304	91093	Immunology	Monday 15/04/2024

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

<b>Course code-2341 M.Sc Part-II Sem-III- Pharmaceutical Microbiology ( C.B.C.S. )</b>			
<b>New Revised From Oct 2022 Exam</b>			
<b>Paper Time : From 2.30 pm To 5.30 pm</b>			
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 08/04/2024
CCS-303	85419	Pharmaceutical Microbiology	Friday 12/04/2024
DSE-304	85421	Immunology	Monday 15/04/2024

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

<b>Course code-2341 M.Sc Part-II Sem-IV- Pharmaceutical Microbiology ( C.B.C.S. )</b>			
<b>New Revised From Marc 2021 Exam</b>			
<b>Paper Time : From 10.30 am To 1.30 pm</b>			
Paper No	Paper Code	Paper Name	Day and Date
CC401	90499	Quality Management and IPR	Saturday 06/04/2024
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 2020]

<b>Course code-2353 M.Sc Part-II Sem-IV- Pharmaceutical Microbiology ( NEP 2020 )</b> <b>New Revised From Marc 2024 Exam</b> Paper Time : From 10.30 am To 1.30 pm			
Paper No	Paper Code	Paper Name	Day and Date
	93969	Quality Management and IPR	Saturday 06/04/2024
	93970	Fermentation Technology and Process Designing	Wednesday 10/04/2024
	93971	Bioinformatics	Saturday 13/04/2024
	93972	Medical Microbiology	Tuesday 16/04/2024

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

<b>Exam Course code-2353</b> Branch M.Sc Part-II Sem-III - AGRO CHEMICAL & PEST MANAGEMENT ( C.B.C.S.) <b>New Revised From Oct 2023</b> 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)

<b>Course code-2341</b> Branch M.Sc Part-II Sem-III - AGRO CHEMICAL & PEST MANAGEMENT ( C.B.C.S.) <b>New Revised From Oct 2022 Exam</b> 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)

<b>Course code-2341</b> M.Sc Part-II Sem-IV - AGRO CHEMICAL & PEST MANAGEMENT (C.B.C.S.) <b>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
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 and Integrated Disease Management	Thursday 25/04/2024

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

<b>Course code-2353 M.Sc Part-II Sem-IV - AGRO CHEMICAL &amp; PEST MANAGEMNT (NEP 2020)</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
	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 and Integrated Disease Management	Thursday 25/04/2024

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

<b>Course code-2353 M.Sc Part-II Sem-III General MICROBIOLOGY</b> <b>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
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.-]

<b>Course code-2341 M.Sc Part-II Sem-III General MICROBIOLOGY</b> <b>New Revised From Oct 2022 Exam</b> 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.]

<b>Course code-2341 M.Sc Part-II Sem-IV General MICROBIOLOGY</b> <b>From March 2023 Exam</b> 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]**

<b>Course code-2353 M.Sc Part-II Sem-IV General MICROBIOLOGY (NEP 2020)</b>			
<b>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
	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**

<b>Course Code – 2353 M.Sc. Part-II Sem-III Geology</b>			
<b>New Revised From Oct- 2023 Exam</b>			
<b>Paper Time : From 2.30 pm To 5.30 pm</b>			
Paper No	Paper Code	Paper Name	Day and Date
CC-301	91084	Hydrogeology	Monday 15/04/2024
CCS-302	91085	Geophysics and Exploration Methods	Thursday 18/04/2024
CCS-303	91086	Geochemistry	Saturday 20/04/2024
DSE-304	<b>Choose Any One of the Following</b>		Monday 22/04/2024
	91087	Gemmnology and Industrial Mineralogy	
	91088	Mining Geology	
	91089	Marine Geology	
	91090	Geoinformatics	

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

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

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

<b>Course code-2341 M.Sc. Part-II Sem-IV Geology</b> <b>New Revised From March 2023</b> 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]**

<b>Course code-2353 M.Sc. Part-II Sem-IV Geology [NEP 2020]</b> <b>New Revised From March 2024</b> 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 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**

**Vidyanagar,  
Kolhapur-416004  
Date : 27--02-2024**

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