

### SHIVAJI UNIVERSITY, KOLHAPUR.

#### Circular No.71 Summer Session Online Exam of March 2021

Final Programme of M.Sc Part I Sem-I and Sem-II ,M.Sc Part II Sem III and IV C.B.C.S (Course Code 205) Zoology, Organic, Inorganic, Physical, Analytical, Industrial, and Applied Chemistry, Botany, Horizontal Mobility (Bio Tech,Bio-Chemistry, Environmental .Biotech, Microbiology,Pharmaceutical,Microbiology),Agrochemical&pestManagement,Electronics,Microbiology(CBCSR),ComputerScience, Applied Micro Geology General Microbiology Examination of March/April 2021 to be held in August/September 2021

<u>INSTRUCTION:</u>-Common instruction as per Circular No SU/Appointment /RVC/612 dated 14-7-2020 and also available on University Website <a href="https://www.unishivaji.ac.in">www.unishivaji.ac.in</a></u>

### 1. The Online examination schedule will be conducted in the following order

#### M.Sc Zoology

	Branch:- M.Sc Part I:- Sem. I ZOOLOGY (C.B.C.S.)				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-II	
CC-101	74759	Biosystematics And Biodiversity	Wednesday 29-9-2021	From 12.30pm	
CC-102	74760	Ecology And Environmental Pollution	Thursday 30-9-2021	to 1.30pm	
CC-103	74761	Molecular Cell Biology	Friday 1-10-2021		
CC-104	74762	Applied Entomology	Monday 4-10-2021		

#### M.Sc Zoology

	New Revised From March 2020 Exam			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV
CC-201	77940	Physiological Chemistry	Wednesday 29-9-2021	From 4.30pm
CC-202	79228	Bioinstrumentation and Biostatistics	Thursday 30-9-2021	to 5.30pm
CC-203	79229	Anatomy and Physiology	Friday 1-10-2021	
CC-204	79230	Biology of Parasites	Monday 4-10-2021	

M.Sc Zoology (C.B.C.S)

Last Chance upto From Oct. 2014				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-II
IX	64145	Genetics	Wednesday 25-8-2021	
X	64146	Enzymology	Thursday 26-8-2021	
P		HOOSE ANY ONE OF THE FOLLOWI	ING	
	64149	Computational Molecular Biology		
	64150	Animal Physiology		
	64151	Basic Entomology	Friday	
PAPER NO. XI	64152	Fisheries Resources – Inland and Marine Fisheries	27-8-2021	From 12.30pm
	64157	General Sericulture and Horticulture		to 1.30pm
PA	PER NO. XII – CI	HOOSE ANY ONE OF THE FOLLOWI	NG	1
	64153	Molecular Biology of Gene		
PAPER NO. XII	64154	Applied Physiology	Saturday	
	64155	Agricultural Entomology	,	
	64156	Fish Pathology & Reproductive Endocrinology	28-8-2021	
	64158	Silkworm Biology & Rearing Technology		
CBCS Elective Paper From Oct. 2015	65761	Applied Zoology	Monday 30-8-2021	

M.Sc Zoology (C.B.C.S)

	Branch – M.Sc Part II-Sem-III ZOOLOGY (C.B.C.S.)					
	New Revised Fro					
Paper No	Paper Code	Paper Name	Day and Date	Paper TimeSession-II		
CC-301	80554	Genetics	Wednesday			
CC-301	80334	Genetics	25-8-2021			
CDE 202	80555	Engrape alogay	Thursday			
CBE-302	80333	Enzymology	26-8-2021			
	C	HOOSE ANY ONE OF THE FOLLOWIN	iG	From 12.30pm		
	80556	Molecular Biology of the Gene		to		
CCS-303	80558	Animal Physiology		1.30pm		
	80560	Basic Entomology	Friday	1.50pm		
	80562	Fisheries Resources Inland and				
		Marine fisheries	27-8-2021			
	80564	General Sericulture and				
		management of Mulberry				
		CHOOSE ANY ONE OF THE FOLLOW	VING			
	80557	Development Biology				
CCS-304	80559	Applied Physiology	Saturday			
	80561	Agricultural Entomology	•			
	80563	Fish Pathology & Reproductive	28-8-2021			
		Endocrinology				
	80565	Silkworm Biology and Rearing				
		Technology				

M.Sc Zoology (C.B.C.S)

Last chance upto Oct 2021		Branch – M.Sc Part II	I-Sem-IV ZOOLOGY(	C.B.C.S.)
_			`	From April 2015
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
		_		Session IV
XIII	65108	Animal Cells in Biotechnology	Wednesday	
		Biotocimiology	25-8-2021	
XIV	65109	Toxicology and Immunology	Thursday	
			26-8-2021	
	Paper No-XV	CHOOSE ANY ONE OF THE FOLLO	WING	
	65112	Cell in differentiation,		From 4.30pm
Paper – NO		development and	- Friday - 27-8-2021	to
XV		specialization		5.30pm
11,	65113	Physiology of Health		o to opin
	65114	Insect Anatomy and Physiology		
	65115	Aquaculture practices		
	65181	Cytogenetic and breeding of		
		silkworm & Host Plants		
	Paper No-XV	I CHOOSE ANY ONE OF THE FOLL	OWING	
	65116	Cell Pathology		
Paper – NO	65117	Clinical Physiology	Coturdov	
XVI	65118	Pest Management Concepts	Saturday	
7111	65119	Fishery Technology	28-8-2021	
	65182	Grain age, Silk Technology		
		and Economics of Sericulture		
CBCS Elective			Monday	
Paper From	65762	Biology of Reproduction	30-8-2021	
March. 2016				

M.Sc Zoology (C.B.C.S)

Branch – M.Sc Part II-Sem-IV ZOOLOGY (C.B.C.S.)				
New Revised From	March 2021			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session IV
CC-401	81609	Animal Cell Culture	Wednesday	
			25-8-2021	
	CHOOSE ANY	ONE OF THE FOLLOWING	Thursday	1
CBE-402	81610	Toxicology	26-8-2021	
	81611	Evolution and Behavior		
	CHOOSE ANY	ONE OF THE FOLLOWING		1
CCS-403	81612	Immunology		1
	81614	Physiology of Health	Friday 27-8-2021	From 4.30pm to
	81616	Insect Anatomy and Physiology		
	81618	Aquaculture practices	27-0-2021	5.30pm
	83076	Silkworm Biology & Rearing		3.30pm
		Technology		
	CHOOSE AN	IY ONE OF THE FOLLOWING		
CCS-404	81613	Cell Pathology		1
	81615	Clinical Physiology	Saturday	
	81617	Pest Management Concepts	28-8-2021	
	81619	Fishery Technology	20-0-2021	
	83177	Silkworm Seed, Silk		
		Production Technology and		
		Economics		

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

	Branch – M.Sc Part I-Sem-I Computer Science (C.B.C.S.)				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session II	
CC-101	74582	Design and Analysis of Algorithms	Wednesday 29-9-2021		
CC-102	74583	Python Programming	Thursday 30-9-2021	From 12.30pm to	
CC-103	74584	Database Management System	Friday 1-10-2021	1.30pm	
CC-104	74585	Cyber Security	Monday 4-10-2021		

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

	Branch – M.Sc Part I-Sem-II Computer Science (C.B.C.S.)				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV	
CC-201	79276	Web Technology	Wednesday 29-9-2021		
CC202	79277	Advanced Java	Thursday 30-9-2021		
CC-203	79278	Android Fundamental Development	Friday	From 4.30pm to	
*CC- 203	*83077	*Android Fundamental Development with Kotlin	1-10-2021	5.30pm	
*From March	2021 For Sem-II F	resh students only			
	Cho	ose Any One of the Following			
	79279	Software Project Management	Monday		
CC- 204	79280	Data Science Foundations	4-10-2021		
	79281	Application Security Analyst			
	79282	Cloud computing			

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

	Wise Computer Science (C.B.C.S)				
Last Chance	upto March 2021	Branch -M.Sc Part II-Sem-III Compu	iter Science (C.B.C.S.)	From Oct 2014	
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-II	
XI	63731	Internet Programming	Wednesday 25-8-2021		
XII	63732	Computer Graphics	Thursday 26-8-2021	Enom 12 20mm	
	Paper NoXIII	<b>Choose Any One of the Followin</b>	ng	From 12.30pm	
Paper No XIII	63733 63734 63735	Cloud computing Distributed O.S. Data Mining	Friday 27-8-2021	to 1.30pm	
24111	63736	Open Source Software's			
XIV	63737	Software Project Management (CBCS)	Saturday 28-8-2021		

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

	Branch -M.Sc Part II-Sem-III Computer Science (C.B.C.S.)				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time	
_		2		Session-II	
CC-302	80498	Advanced Web Technology	Wednesday		
			25-8-2021		
CC-303	80499	PHP	Thursday		
			26-8-2021	F 12 20	
	Choo	se Any One of the Following		From 12.30pm	
	80500	Software Quality Assurance	Friday	to	
CE-304	80501	Advanced Data & Science	27-8-2021	1.30pm	
CE-304	80502	Network Security Analyst	27-0-2021		
	80503	Internet Of Things			
SWM	80497	Artificial Intelligence	Saturday		
301			28-8-2021		

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

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M.Sc Part-I Sei	M.Sc Part-I Sem-I Branch- 1) Organic Chemistry				
		rganic Chemistry 3) Analytical Ch		Oct 2019	
4) Phy	sical Chemistry 5) I	Industrial Chemistry 6) Applied Ch	emistry		
Paper No	Paper Code	Paper Name	Day and Date	Paper Time	
				session-II	
CC-101	74577	Inorganic Chemistry – I	Wednesday		
CC-101	74377	morganic Chemistry – I	29-9-2021		
CC-102	74578	Organic Chemistry – I	Thursday	From 12.30pm	
CC-102	74376	Organic Chemistry – I	30-9-2021	to	
CC-103	74579	Physical Chemistry – I	Friday		
CC-103	17317	1 mysicai Chemistry – 1	1-10-2021	1.30pm	
CC-104	74580	Analytical Chemistry – I	Monday		
CC-104	/ 1300	Analytical Chemistry – I	4-10-2021		

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

	M.Sc Part-I Sem-II Branch 1) Organic Chemistry  New Revised From				
M.Sc Part-I Ser	M.Sc Part-I Sem-II Branch- 1) Organic Chemistry				
		Chemistry 3) Analytical Chemistry		March 2020	
	4) Physical C	hemistry 5) Industrial Chemistry 6)	Applied Chemistry		
Paper No	Paper Code	Paper Name	Day and Date	Paper Time	
				Session-IV	
CC-201	79244	Inorganic Chemistry – II	Wednesday		
	17277	morganic Chemistry – II	29-9-2021		
CC-202	79245	Organic Chemistry – II	Thursday	From 4.30pm	
CC-202	19243	Organic Chemistry – II	30-9-2021		
CC-203			Friday	to	
CC-203	79246	Physical Chemistry – II	1-10-2021	5.30pm	
			Monday		
CC-204	79247	Analytical Chemistry – II	4-10-2021		

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

Last Chance U	Revised From Oct 2019 Exam			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
				Session-II
IX	74475	Advanced Quantum Chemistry	Wednesday	
			11-8-2021	
X	74476	Electrochemistry	Thursday	From 12.30pm
			12-8-2021	. *
XI	74477	Molecular structure	Friday	to
			13-8-2021	1.30pm
	PAPER NO. XI	I :- CHOOSE <u>ANY ONE</u> OF THE FOLLO	WING PAPER	
	74478	Solid State Chemistry	Saturday	
DARED NO	74479	Advanced Chemical Kinetics	14-8-2021	
PAPER NO. XII	74480	Radiation and Photochemistry	1.02021	

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

Wise I hysical Chemistry (C.B.C.S)				
	New Revised From March 2020 Exam			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
		-		Session-II
IX	80481	Advanced Quantum Chemistry	Wednesday	
			11-8-2021	
X	80482	Electrochemistry	Thursday	
			12-8-2021	E 12 20
XI	80483	Molecular structure	Friday	From 12.30pm
			13-8-2021	to 1.30pm
	PAPER NO. XII :- CHOOSE <u>ANY ONE</u> OF THE FOLLOWING PAPER			
	80484	Solid State Chemistry	Saturday	
DADED NO	80485	Advanced Chemical Kinetics	14-8-2021	
PAPER NO. XII	80486	Radiation and Photochemistry	1.02021	

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

	M.Sc Physical Chemistry (C.B.C.S)				
Last chance up	From March 2020 Exam				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV	
XIII	79207	Thermodynamics and Molecular Modeling	Wednesday 11-8-2021		
XIV	79208	Chemical Kinetics	Thursday 12-8-2021	From 4.30pm	
XV	79209	Molecular Structure – II	Friday 13-8-2021	to 5.30pm	
	PAPER NO. XVI :- CHOOSE <u>ANY ONE</u> OF THE FOLLOWING PAPER				
	79210	Surface Chemistry	Saturday		
	79211	Chemistry of Materials	14-8-2021		
PAPER NO. XVI	79212	Biophysical chemistry	17-0-2021		

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

	M.Sc Part II :- Sem IV PHYSICAL CHEMISTRY (C.B.C.S.)			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
				session-IV
XIII	81571	Thermodynamics and Molecular	Wednesday	
		Modeling	11-8-2021	
XIV	81572	Chemical Kinetics	Thursday	From 4.30pm
			12-8-2021	, *
XV	81573	Molecular Structure – II	Friday	to
			13-8-2021	5.30pm
	81574	Surface Chemistry	Saturday	
PAPER NO.	81575	Chemistry of Materials	14-8-2021	
XVI	81576	Biophysical chemistry	17-0-2021	

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

Last Chance	Revised From Oct 2019 Exam				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-II	
IX	74491	Advanced Analytical Techniques	Wednesday 11-8-2021		
X	74492	Organo Analytical chemistry	Thursday 12-8-2021	From 12.30pm	
XI	74493	Electro analytical Techniques in chemical Analysis	Friday 13-8-2021	to 1.30pm	
	PAPER NO. XII :- CHOOSE <u>ANY ONE</u> OF THE FOLLOWING PAPER				
D. I DEED	74494	Environmental chemical Analysis and control	Saturday 14-8-2021		
PAPER NO. XII	74495	Recent advances in Analytical Chemistry	1102021		

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

	Wi.Sc Anarytical Chemistry (C.B.C.S)				
	M.Sc Part II: - Sem III Analytical CHEMISTRY (C.B.C.S.)				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-II	
IX	80489	Advanced Analytical Techniques	Wednesday		
			11-8-2021		
X	80490	Organo Analytical chemistry	Thursday	F 12.20	
			12-8-2021	From 12.30pm	
XI	80491	Electro analytical Techniques in	Friday	to	
		chemical Analysis	13-8-2021	1.30pm	
	PAPER NO	O. XII :- CHOOSE <u>ANY ONE</u> OF THE FOLLO	WING PAPER	]	
	80492	Environmental chemical Analysis			
		and control	Saturday		
PAPER	80493	Recent advances in Analytical	2		
NO. XII		Chemistry	14-8-2021		
	80494	Chemical Analysis in Agro Food			
		And Pharmaceutical Industries			

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

	M.Sc Part II :- Sem IVAnalytical CHEMISTRY (C.B.C.S.)				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time	
				Session-IV	
XIII	79215	Modern Separation method in Analysis	Wednesday		
			11-8-2021	From 4.30pm	
XIV	79216	Organic Industrial Analysis	Thursday	, *	
			12-8-2021	to	
XV	79217	Advanced Methods in Chemical	Friday	5.30pm	
		Analysis	13-8-2021	_	
XVI	79218	Industrial Analytical Chemistry	Saturday		
	79219	Quality Assurance and Accreditation	14-8-2021		

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

	New Revised From March 2021Exam					
Paper No	Paper Code	Paper Name	Day and Date	Paper Time		
				Session-IV		
XIII	81580	Modern Separation method in Analysis	Wednesday 11-8-2021			
XIV	81581	Organic Industrial Analysis	Thursday 12-8-2021	From 4.30pm		
XV	81582	Advanced Methods in Chemical Analysis	Friday 13-8-2021	to 5.30pm		
	CHOOSE ANY ONE OF THE FOLLOWING PAPER					
XVI	81583	Applied Analytical Chemistry				
	81584	Quality Assurance and Accreditation	Saturday			
	81585	Techniques in Forensic Science and Microbiological Analysis	14-8-2021			

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

Last Chance	New Revised From Oct 2019Exam			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-II
IX	74461	\$ Inorganic Chemical Spectroscopy	Wednesday 11-8-2021	
X	74462	\$ Co-Ordination Chemistry	Thursday 12-8-2021	From 12.30pm
XI	74463	\$ Nuclear Chemistry	Friday 13-8-2021	to 1.30pm
	PAPER NO:	-XII CHOOSE ANY ONE OF THE FOLLOWIN	NG PAPER	
XII	74464	\$ Organometallic and Bioinorganic Chemistry	Saturday 14-8-2021	
	74465	\$ Selected Topics in Inorganic chemistry		

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

M.Sc Part II:- Sem III Inorganic CHEMISTRY (C.B.C.S.)				New Revised From Oct 2020Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
				Session-II
IX	80460	\$ Inorganic Chemical Spectroscopy	Wednesday 11-8-2021	
X	80461	\$ Co-Ordination Chemistry	Thursday	
	00101	\$ 66 ordination entirestry	12-8-2021	From 12 20nm
XI	80462	\$ Nuclear Chemistry	Friday	From 12.30pm
	DADED NO.	WH CHOOSE ANY ONE OF THE FOLLOWIN	13-8-2021	to
	PAPER NO	-XII CHOOSE <u>ANY ONE</u> OF THE FOLLOWIN		1.30pm
XII	80463	\$ Organometallic and Bioinorganic Chemistry	Saturday 14-8-2021	1
	80464	\$ Selected Topics in Inorganic chemistry		

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

	New Revised From March 2020Exam				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time	
				Session-IV	
XIII	79200	Instrumental Techniques	Wednesday 11-8-2021		
XIV	79201	Co-Ordination Chemistry	Thursday 12-8-2021	From 4.30pm	
XV	79202	Chemistry of Inorganic Materials	Friday 13-8-2021	to 5.30pm	
	PAPER NO:XVI CHOOSE ANY ONE OF THE FOLLOWING PAPER				
XVI	79203	Energy and Environmental Chemistry	Saturday		
	79204	Radiation Chemistry	14-8-2021		

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

	New Revised From March 2021Exam				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV	
XIII	81554	Instrumental Techniques	Wednesday 11-8-2021		
XIV	81555	Co-Ordination Chemistry	Thursday 12-8-2021	From 4.30pm	
XV	81556	Chemistry of Inorganic Materials	Friday 13-8-2021	5.30pm	
	CHOOSE ANY ONE OF THE FOLLOWING PAPER				
XVI	81557	Energy and Environmental Chemistry	Saturday 14-8-2021		
	81558	Radiation Chemistry	17 0 2021		

M.Sc Organic Chemistry (C.B.C.S)

	Revised from Oct 2019 Last Chance Up to March 2021			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-II
IX	74995	\$ Organic Reaction Mechanism	Wednesday 11-8-2021	
X	74448	\$ Advanced Spectroscopic Methods	Thursday 12-8-2021	From 12.30pm
XI	74449	\$ Advanced Synthetic Method	Friday 13-8-2021	to 1.30pm
	1.5 °PIII			
XII	74450	\$ Drugs and Heterocycles	Saturday	
7.11	74451	\$ Polymer chemistry	Saturday 14-8-2021	

M.Sc Organic Chemistry (C.B.C.S)

	New Revised from Oct 2020 Exam					
Paper No	Paper Code	Paper Name	Day and Date	Paper Time		
				Session-II		
IX	80474	Organic Reaction Mechanism	Wednesday 11-8-2021			
X	80475	Advanced Spectroscopic Methods	Thursday 12-8-2021			
XI	80476	Advanced Synthetic Method	Friday 13-8-2021	From 12.30pm to		
	CHOOSE ANY ONE OF THE FOLLOWING PAPER					
XII	80477	\$ Drugs and Heterocycles	Saturday 14-8-2021	1.30pm		
	80478	\$ Polymer chemistry				

M.Sc Organic Chemistry (C.B.C.S)

	M.Sc Part II :- Sem IV Organic CHEMISTRY (C.B.C.S.)				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time session-IV	
XIII	74454	Theoretical Organic Chemistry	Wednesday 11-8-2021	From 4.30pm	
XIV	74455	Stereochemistry	Thursday 12-8-2021	to	
XV	74456	Chemistry of Natural Products	Friday 13-8-2021	5.30pm	
	CHOOSE ANY ONE OF THE FOLLOWING PAPER				
XVI	74457	Organic Industrial Chemistry	Saturday		
	74458	Bio-organic Chemistry	14-8-2021		

M.Sc Organic Chemistry (C.B.C.S)

	M.Sc Part II :- Sem IV Organic CHEMISTRY (C.B.C.S.)				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time	
				Session-IV	
XIII	81564	Theoretical Organic Chemistry	Wednesday 11-8-2021		
XIV	81565	Stereochemistry	Thursday 12-8-2021	From 4.30pm	
XV	81566	Chemistry of Natural Products	Friday 13-8-2021	5.30pm	
CHOOSE <u>ANY ONE</u> OF THE FOLLOWING PAPER				_	
XVI	81567	Applied Organic Chemistry	Saturday		
AVI	81568	Bio-organic Chemistry	14-8-2021		

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

Last chance Upto March 2021	M.Sc Part II:- Sem III Applied CHEMISTRY (C.B.C.S.)			Revised From Oct 2019 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session -II
IX	74541	Applied Inorganic Chemistry-I	Wednesday 11-8-2021	
X	74542	Applied Organic chemistry-I	Thursday 12-8-2021	
XI	74543	Applied Physical Chemistry-I	Friday 13-8-2021	From 12.30pm to
	Paper No XV	VI CHOOSE ANY ONE OF THE FOLLO	WING PAPER	1.30pm
	74544	Advanced Organic chemistry-I	Saturday 14-8-2021	
XII	74545	Applied Analytical Chemistry-I		
	74546	Bioorganic Chemistry-I		

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

	W.Se Applied Chemistry (C.B.C.S)				
	M.Sc Part II :- Sem III Applied CHEMISTRY (C.B.C.S.)				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-II	
IX	80368	Applied Inorganic Chemistry-I	Wednesday 11-8-2021		
X	80369	Applied Organic chemistry-I	Thursday 12-8-2021	From 12.30pm	
XI	80370	Applied Physical Chemistry-I	Friday 13-8-2021	to 1.30pm	
	Paper No XI	I CHOOSE <u>ANY ONE</u> OF THE FOLLOW	VING PAPER	_	
****	80371	Advanced Organic chemistry-I	Saturday		
XII	80372	Applied Analytical Chemistry-I	14-8-2021		
	80373	Bioorganic Chemistry-I	=		

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

	Revised From March 2020			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV
XIII	74549	Applied Inorganic Chemistry	Wednesday 11-8-2021	- From 4.30pm
XIV	74550	Applied Organic Chemistry	Thursday 12-8-2021	to
XV	74551	Advance Organic Chemistry	Friday 13-8-2021	5.30pm
	Paper No	XVI CHOOSE <u>ANY ONE</u> OF THE FOLI	LOWING PAPER	
	74552	Inorganic Chemical Industries	Saturday	
XVI	74553	Pollution Monitoring Control	14-8-2021	
	74554	Applied Analytical Chemistry-II		

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

	M.Sc Part II :- Sem IV Applied CHEMISTRY (C.B.C.S.)				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time	
				Session-IV	
XIII	80377	Applied Inorganic Chemistry -II	Wednesday 11-8-2021		
XIV	80378	Applied Organic Chemistry-II	Thursday 12-8-2021	From 4.30pm	
XV	80379	Advance Organic Chemistry-II	Friday 13-8-2021	to 5.30pm	
	Paper No	CHOOSE ANY ONE OF THE FOLLOW	ING PAPER		
	80380	Inorganic Chemical Industries	Saturday		
XVI	80381	Pollution Monitoring Control	14-8-2021		
	80382	Applied Analytical Chemistry-II			

M.Sc Part I :- SemI Botany			Revised From Oct 2019 Exam	
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-II
CC-101	74753	Biology And Diversity of Fungi, Alage And Bryophytes	Wednesday 29-9-2021	From 12.30pm
CC-102	74754	Biology And Diversity of Pteriodophytes Gymnosperms and Palaeobotany	Thursday 30-9-2021	to 1.30pm
CC-103	74755	Plant Ecology And Evolution	Friday 1-10-2021	1.50рш
CC-104	74756	Tools And Techniques	Monday 4-10-2021	

	Revised From Oct 2020 Exam			
Paper No	Paper	Paper Name	Day and Date	Paper Time
	Code			Session-IV
CC-201	79269	Angiosperm systematic	Wednesday	
			29-9-2021	From 4.30pm
CC-202	79270	Plant Pathology	Thursday 30-9-2021	to
CC-203	79271	Plant Structure Development And Reproduction	Friday 1-10-2021	5.30pm
CC-204	79272	Cell and Molecular Biology	Monday 4-10-2021	

	NY	Last Chance upto March 2021		
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
				Session-II
IX	63255	Cytogenetic & Crop Breeding	Wednesday 25-8-2021	
X	63256	Biotechnology and Genetic	Thursday	
		Engineering	26-8-2021	
PAPE	,	SE ANY ONE OF THE FOLLOWING		
	63257	Plant Physiology – I		
	63258	Mycology & Plant Pathology – I		
	63259	Cytogenetic & Plant Breeding – I	Friday	
	63260	Energy Ecology & Environment – I	27-8-2021	From
XI	63261	Angiosperm Taxonomy -I	27-0-2021	12.30pm
	63262	Marine Botany – I		to
	63263	Plant Biotechnology – I		1.30pm
	63295	Plant Protection-I		
	63296	Plant Diversity – I		
P	APER NO XII C	HOOSE ANY ONE OF THE FOLLOWING		
	63264	Plant Physiology – II		
	63265	Mycology & Plant Pathology – II	G. 4 1.	
	63266	Cytogenetic & Plant Breeding – II	Saturday	
	63267	Energy Ecology & Environment –II	28-8-2021	
XII	63268	Angiosperms Taxonomy - II		
	63269	Marine Botany – II		
	63270/64680	Plant Biotechnology - II		
	63297	Plant Protection-II		
	63298	Plant Diversity-II		
Elective	65194	Plant Sciences, Human Progress And	Monday	
CBCS		Prosperity	30-8-2021	
Paper			- 0 0 - 0 - 1	

Misc. Dually (C.D.C.S)				
		M.Sc Part II., :- Sem – III BOT	ANY	New Revised from Oct 2020 exam
Paper No	Paper	Paper Name	Day and Date	Paper Time
	Code			Session-II
CCS-301	80536	Cytogenetic & Crop Breeding	Wednesday 25-8-2021	
DSE-304	80551	Biotechnology and Genetic	Thursday	
		Engineering	26-8-2021	
	•	CHOOSE ANY ONE OF THE FOLLOW	<b>ING</b>	
	80537	Adv.Plant Physiology & Plant		
		Biochemistry		
	80538	Taxonomy of Fungi		
	80539	Cytogenetic	Friday 27-8-2021	From 12.30pm to 1.30pm
CCS-302	80540	Environment & Its Aspects		
	80541	The evolution and Classification		
		of Angiosperm		
	80542	General Marine Botany		
	80543	Plant Tissue Culture		
	СНОС	OSE ANY ONE OF THE FOLLOWING		
	80544	Plant Growth & Development		
	80545	Integrated Disease Management	]	
	80546	Plant Breeding		
	80547	Population & Community Ecology	Soturdov	
	80548	Modern Trends in Angiosperm	Saturday	
CCS-303		Taxonomy	28-8-2021	
	80549	Physiology & Biochemistry of		
		Marine Plants		
	80550	Molecular Biotechnology &		
		Genetic Engineering		

	M.Sc Part II., :- Sem – IV BOTANY			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV
XIII	63273	Plant Physiology and Metabolism	Wednesday 25-8-2021	
XIV	65121	Biodiversity, conservation and utilization	Thursday 26-8-2021	
]	PAPER NO XV	CHOOSE ANY ONE OF THE FOLLOWING		
	63275	Plant Physiology-III		
	63276	Mycology and Plant Pathology-III		
	63277	Cytogenetic and Plant Breeding-III		
\$7\$7	63278	Energy, Ecology and Environment-III		
XV	63279	Angiosperm Taxonomy-III		From 4.30pm
	63280	Marine Botany-III	Friday 27-8-2021	to 5.30pm
	63281	Plant Biotechnology-III	27-6-2021	F
	63299	Plant Protection-III		
	63300	Plant Diversity –III		
	PAPER NO XVI	CHOOSE ANY ONE OF THE FOLLOWING		
	63282	Plant Physiology-IV		
	63283	Mycology and Plant Pathology-IV		
	63284	Cytogenetic and Plant Breeding-IV		
XVI	63285	Energy, Ecology and Environment-IV	Saturday	
	63286	Angiosperm Taxonomy-IV	28-8-2021	
	63287	Marine Botany-IV		
	63288	Plant Biotechnology-IV		
	63301	Plant Protection-IV		
	63302	Plant Diversity-IV	_	
Elective	65195	Plant A Biological Capital	Monday	
paper			30-8-2021	

		Misc. Dutany (C.D.C.S)		T
	M.Sc Part II., :- Sem – IV BOTANY			
Paper No	Paper	Paper Name	Day and Date	Paper Time
	Code	•		Session-IV
CC-401	82888	Plant Physiology and Metabolism	Wednesday 25-8-2021	
DSE-404	82889	Biodiversity, conservation and utilization	Thursday 26-8-2021	
	CHOOSI	E ANY ONE OF THE FOLLOWING		
	82893	Stress Physiology of Plants		
	82894	Industrial Mycology		
CCC 402	82895	Molecular Genetics		
CCS-402	82896	Experimental Ecology and Energy studies	Friday	
	82897	Angiosperm Taxonomy Floristics & Biostematics	27-8-2021	
	82898	Marine Ecology		From 4.30pm
	82899	Application and Prospects of Plant Tissue culture		to 5.30pm
	CHOOSE ANY	ONE OF THE FOLLOWING		2.50pm
	82900	Applied Plant Physiology		
	82901	Integrated Disease Management		
	82902	Special Approaches in Genetic		
CCS-403	02002	Improvement of Crop Plants		
CC3-403	82903	Environmental issues assessment and Restoration	G. A. a. I.	
	82904	Phylogeny & floral Biology of	Saturday	
		Angiosperm	28-8-2021	
	82905	Application, Regulation and Patenting		
	02011	Biotechnology		
	83011	Applied Marine Botany		

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

Misc. Electronics (C.B.C.S)				
M.Sc Part I :- SemI Electronics			Revised From Oct 2019 Exam	
Paper No	Paper	Paper Name	Day and Date	Paper Time
	Code			Session -II
CC-101	74589	Measurement & Instrumentation	Wednesday 29-9-2021	From 12.30pm
CC-102	74590	Foundations of Microwave Technology	Thursday 30-9-2021	to
CC-103	74591	Computer Organization	Friday 1-10-2021	1.30pm
CC-104	74592	Advanced Digital Design	Monday 4-10-2021	

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

M.Sc Part I :- SemII Electronics				Revised From Oct 2020 Exam
Paper No	Paper	Paper Name	Day and Date	Paper Time
	Code			Session -IV
CC-201	79255	Digital Communication	Wednesday 29-9-2021	
CC-202	79256	Advanced Microwave Technology	Thursday 30-9-2021	From 4.30pm
CC-203	79257	Advanced Power Electronics	Friday 1-10-2021	to 5.30pm
CC-204	79258	Optoelectronics	Monday 4-10-2021	· <b>F</b>

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

		M.Sc Part I :- SemIII Electronics		Last chance Upto March 2021
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-II
IX	64135	Control Theory	Wednesday 25-8-2021	
X	64136	Computer Networks	Thursday 26-8-2021	
		· XI & XII - CHOOSE ANY TWO OF THE	E FOLLOWING	From 12.30pm to
	64137	Microcontroller System Design and ARM Architecture	Friday 27-8-2021	1.30pm
	64138	Electronic Fuzzy Systems	Saturday 28-8-2021	
	64139	Satellite Communication	Monday 30-8-2021	
XI &XII	64140	Industrial Automation	Wednesday 1-9-2021	
	66447	Signals Systems	Thursday 2-9-2021	
	66448	Instrumentation	Friday 3-9-2021	
	66449	VHDL Programming	Saturday 4-9-2021	
	66450	Mechatronics	Monday 6-9-2021	

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

	M.Sc Part I :- SemIII Electronics				
Paper No	Paper	Paper Name	Day and Date	Paper Time	
	Code			Session-II	
CC-301	80507	Control Theory	Wednesday 25-8-2021		
CCS-302	80508	Computer Network	Thursday 26-8-2021		
CCS-303	80509	Microcontroller System Design ARM Architecture	Friday 27-8-2021	From 12.30pm	
	CHOOSE ANY ONE OF PAPER FROM DSE-304				
	80510	Industrial Automation		1.30pm	
	80511	Biomedical Instrumentation			
	80512	MATLAB Programming for Numerial	Saturday		
DSE-304		Computation	28-8-2021		
DOL 301	80513	Hardware-Software Co-design			
	80514	Satellite Communication			
	80515	Soft Computing			
	80516	VHDL Programming			

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

Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV
XIII	64906	Digital Signal Processing	Wednesday 25-8-2021	
XIV	64907	Analog and Digital Circuit Design	Thursday 26-8-2021	
	PAPER NO XV -	CHOOSE ANY TWO OF THE FOLLOWING		
	64909	ARM Programming and Embedded Communication	Friday	
XV		Protocols	27-8-2021	From 4.30pm
	64910	Advanced Microcontroller and RTOS	Saturday 28-8-2021	To 5.30pm
	64911	Cellular Mobile Communications	Monday 30-8-2021	
	64912	Electronic Neural Networks	Wednesday 1-9-2021	
	64913	Advanced Drives	Thursday 2-9-2021	
	64914	Antennas	Friday 3-9-2021	
	64915	FPGA Based Systems	Saturday 4-9-2021	

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

	N	M.sc Part II Sem-IV -ELECTRONICS (C.)	B.C.S.) New Revised	From March 2021
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV
CC-401	81779	Digital Signal Processing	Wednesday 25-8-2021	
CCS-402	81780	Analog and Digital Circuit Design	Thursday 26-8-2021	
CCS-403	81781	Real Time Embedded System	Friday 27-8-2021	
	0.1.500	- CHOOSE ANY One OF THE FOLLOWING		
	81782	Advanced Drives		From 4.30pm
DSE-404	81783	Artificial Intelligence & Machine Learning		To 5.30pm
DSL-404	81784	IOT & Data Analytics		3.30pm
	81785	ARM Programming and Embedded Communication Protocols		
	81786	FPGA Based Systems	Saturday	
	81787	Antennas	28-8-2021	
	81788	Mechnatronics		
	81790	Cellular Mobile communication		

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

		THE THUBSTILL CHAINSTY (		
	M.	Sc Part-II Sem III INDUSTRIAL CHEMISTR	Y ( C.B.C.S.)	
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-II
IND-3.1	80387	Organic Chemical Industries	Wednesday 11-8-2021	
IND-3.2	80388	Inorganic Chemical Industries	Thursday 12-8-2021	
IND-3.3	80389	Methods of Analysis in Industries	Friday 13-8-2021	T 10.00
		CHOOSE ANY ONE IND-1TO 3		From 12.30pm
	80390	General Chemical Technology	Saturday	to
IND-1TO 3	80391	Advanced Analytical Techniques in Industry	14-8-2021	1.30pm
		Chemical Analysis in Agro, Food and Pharmaceutical Industries		

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

	W.Sc industrial Chemistry (C.D.C.S.)				
	M.Sc	e Part-II Sem IV INDUSTRIAL CHEMISTRY	( C.B.C.S.)	Last Chance upto Oct	
				2021	
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV	
XIII	74533	Drug and Pharmaceuticals	Wednesday		
			11-8-2021		
XIV	74534	Inorganic Chemical Industries	Thursday		
			12-8-2021	E 4 20	
XV	74535	Selected Topics in Industrial Chemistry	Friday	From 4.30pm	
		The state of the s	13-8-2021	To	
		CHOOSE ANY One OF THE FOLLOWING		5.30pm	
	74536	Environmental Chemistry			
XVI	74537	Pharmaceutical Chemistry	Saturday		
	74538	Chemistry of Industrially Important	14-8-2021		
		Materials			

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

	M.Sc Part-II Sem IV INDUSTRIAL CHEMISTRY ( C.B.C.S.)				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time session-IV	
XIII	80395	Drug and Pharmaceuticals	Wednesday 11-8-2021		
XIV	80396	Inorganic Chemical Industries	Thursday 12-8-2021	From 4.30pm	
XV	80397	Selected Topics in Industrial Chemistry	Friday 13-8-2021	5.30pm	
		CHOOSE ANY One OF THE FOLLOWING			
XVI	80398	Environmental Chemistry			
	80399	Pharmaceutical Chemistry	Saturday		
	80400	Chemistry of Industrially Important Materials	14-8-2021		

M.Sc. Horizontal Mobility

M.Sc Part-I S	Revised From Oct 2019 Exam			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-II
	Ch	oose Any One Of the Following		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
	74569	Cell Biochemistry and Nucleic Acids	Wednesday	From 12.30pm to 1.30pm
CC-101	74570	Cell Biology, Microbiology and Virology	29-9-2021	
CC-102	74571	Proteins Structure and Functions	Thursday 30-9-2021	
CC-103	74572	Biomolecules	Friday 1-10-2021	
	Cl	noose Any One Of the Following		
	74573	Basics of Physiology and		
CC-104		Endocrinology	Monday	
	74574	Biostatistics and Computer Applications	4-10-2021	

M.Sc. Horizontal Mobility

	1/1/20/ 110112011001 1/10211104				
M.Sc Part-l	M.Sc Part-I Sem II - Biochemistry, Biotechnology, Environmental-Biotech, Microbiology, Pharmaceutical Microbiology				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV	
CC-201	79262	Enzymology	Wednesday 29-9-2021		
CC-202	79263	Molecular Biology	Thursday 30-9-2021	From 4.30pm To 5.30pm	
CC-203	79264	Bioenergetics	Friday 1-10-2021		
CC-204	79265	Tools and Techniques in Bioscience	Monday 4-10-2021		

M.Sc. Biochemistry

	M.Sc Part-II Sem-III - BIOCHEMISTRY			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-II
CC-301	80403	Genetic Engineering	Wednesday	
CCS-302	80404	Biomembrances & Cytoskeleton	Thursday 26-8-2021	From 12.30pm to
DSE-304	80408	Immunology	Friday 27-8-2021	1.30pm
		<b>Choose Any One Of the Following</b>		
CCS-303- A	80405	Fermentation Technology		
CCS-303- B	80406	Clinical Biochemistry	Saturday 28-8-2021	
CCS-303- C	80407	Biochemical and Environmental Toxicology		

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

	Last Chance upto Oct-2021			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV
XIII	71009	Research Methodology, Entrepreneurship Development & Tissue Culture (New From April 2018)	Wednesday 25-8-2021	
	65085	Neurochemistry (Old)		
XIV	71118	Neurochemistry and Carcinogenesis(New From April 2018)	Thursday 26-8-2021	
	65086	Carcinogenesis & Cell Signaling(Old)	20 0 2021	From 4.30pm To
XV	63251- Microbiology 65088- Biochemistry	*Bioinformatics	Friday 27-8-2021	5.30pm
		Paper No. XVI - Choose Any One of the Following		
XVI	65087	Medical and Environmental Biochemistry		
	65089- Biochemistry 65131Environmenta 1 Biotechnolgy	\$ Fermentation Technology – II	Saturday 28-8-2021	
	65090	Clinical Biochemistry – II		
	65091	Biochemical and Environmental Toxicology – II		

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

Misc Discher [ C.D.C.S.]					
	M.sc Part II Sem- IV- BIOCHEMISTRY (C.B.C.S.)				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV	
CC-401	80413	Research Methodology, Entrepreneurship Development & Communication skill	Wednesday 25-8-2021		
CCS-402	80414	Neurochemistry and Carcinogenesis	Thursday 26-8-2021		
CCS-403	80415	Bioinformatics	Friday 27-8-2021	From 4.30pm	
		Choose Any One of the Following		То	
DSE-	80416	Fermentation Technology – II	Catumday	5.30pm	
DSE-404B	80417	Clinical Biochemistry – II	Saturday 28-8-2021		
DSE- 404C	80418	Biochemical and Environmental Toxicology– II			

### M.Sc. BIOTECHNOLOGY

		M.sc Part-II Sem-III BIOTECHNOLO	GY	
New Revised	From Oct 2020	0 exam		
Paper No	Paper Code	Paper Name	Day and Date	Paper Time session-II
CC-301	80453	Genetic Engineering	Wednesday 25-8-2021	Erom
DSE-304	80456	Immunology	Friday 27-8-2021	From 12.30pm
CC-303	80455	Fermentation Technology-I	Saturday 28-8-2021	to 1.30pm
CCS-302	80454	Advances in Plant Biotechnology	Thursday 26-8-2021	_ 1.50рш

### M.Sc. BIOTECHNOLOGY

Last Chance	upto Oct-2021	M.sc Part II Sem- IV- BIOTEC	CHNOLOGY	
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV
XIII	65769	Animal Tissue Culture (Revised)	Wednesday 25-8-2021	
XIV	65080	** Advances in Genomics and Proteomics	Monday30-8-2021	_
XV	65081	Advances in Plant Biotechnology	Thursday26-8-2021	
	C	Choose Any One of the Following		
XVI	65082	Industrial Organization and Management		
New( From March2016	65773	Nanobiotechnology	Tuesday 31-8-2021	From 4.30pm
XIV	65088- Biochemistry 63251- Microbiology 65197- Biotechnology 69590-	* Bioinformatics	Friday 27-8-2021	To 5.30pm
	65089- Biochemistry 65131Envirome ntal Biotechnology	\$ Fermentation Technology II	Saturday 28-8-2021	

### M.Sc. BIOTECHNOLOGY

		MISC DIOTECTIVOLOG	1		
	M.sc Part II Sem- IV- BIOTECHNOLOGY				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV	
CC401	82847	Animal Tissue culture	Wednesday 25-8-2021		
CCS403	82842	Bioinformatics	Friday 27-8-2021		
		<b>Choose Any One of the Following</b>			
CCS402 A	82848	Advances in Genomics and Proteomics	Monday 30-8-2021		
CCS402B	82849	Microbial Fermentation Technology	Thursday 26-8-2021		
	(	Choose Any One of the Following			
DSE404A	82851	Nanobiotechnology	Tuesday 31-8-2021	From 4.30pm To	
DSE404B	82852	Fermentation Technology-II	Saturday 28-8-2021	5.30pm	

# M.Sc. ENV. BIOTECHNOLOGY

THE COUNTY BIOTECH (OEO GI					
	M.Sc Part-II Sem-III - ENV. BIOTECHNOLOGY				
New Revised Fro	om Oct 2020 E	xam			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session -II	
CC-301	80436	Genetic Engineering	Wednesday 25-8-2021		
DSE-304	80440	Immunology	Friday 27-8-2021		
CCS-302	80437	Basics of Ecology, Ecotoxicology and Ecochemistry	Monday 30-8-2021	From 12.30pm	
	(	Choose Any One Of the Following		to	
CCS-303 -A	80438	Fermentation Technology-I		1.30pm	
CCS-303-B	80439	Biochemical and environmental Toxicology -I	Saturday 28-8-2021	1.50pm	

### M.Sc. ENV. BIOTECHNOLOGY [ C.B.C.S.]

	M.Sc Part-II Sem-IV- ENV. BIOTECHNOLOGY (C.B.C.S.)				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV	
XIII	65128	Environmental Pollution and Control	Wednesday 25-8-2021		
XIV	65129	Environmental Biotechnology	Thursday 26-8-2021	From 4.30pm	
XV	65130	Biodiversity, IPR Biosafety& Bioethics	Friday 27-8-2021	To 5.30pm	
XVI	65131- Environmenta Biotechnology 65089-Biochemistry	\$ Fermentation Technology – II	Saturday 28-8-2021		
	65080	** Advances in Genomics & Proteomics	Monday 30-8-2021		

# M.Sc. ENV. BIOTECHNOLOGY [ C.B.C.S.]

	М	.Sc Part-II Sem-IV- ENV. BIOTECHNOL	OGY (C.B.C.S.)	
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV
CC-401	80444	Environmental Monitoring and Risk Assessment	Wednesday 25-8-2021	
CCS- 402	80445	Environmental Biotechnology	Thursday 26-8-2021	From 4.30pm
CCS- 403	80446	Bioinformatics	Friday 27-8-2021	To 5.30pm
		Choose Any One Of the Following		3.30pm
DSE- 404A	80447	Biodiversity, IPR Biosafety& Bioethics	Saturday 28-8-2021	
DSE- 404B	80448	Biochemical and Environmental Toxcicology		

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

M.Sc Part-II Sem-III- Microbiolgy (C.B.C.S.)				New Revised From Oct 2020 Exam
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-II
CC-301	80573	Genetic Engineering	Wednesday 25-8-2021	Session 11
CCS-302	80574	Microbial Diversity and Extremophils	Thursday 26-8-2021	From 12.30pm to
CCS-303	80575	Fermentation Technology	Saturday 28-8-2021	1.30pm
DSE-304	80577	Immunology	Friday 27-8-2021	

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

	Branch-M.sc part-II Sem-IV MICROBIOLOGY (C.B.C.S.)				
Paper No	Paper Code	Paper Name	Day and Date	From April-2015 Paper Time session-IV	
XIII	63249	Food and Dairy Microbiology	Wednesday 25-8-2021		
	65088-Biochemistry 63251-Microbiology 65197- Biotechnology 69590-	*Bioinformatics	Friday 27-8-2021	From 4.30pm To 5.30pm	
XV	63250	Microbial Fermentation Technology	Thursday 26-8-2021		
XVI	63252- Microbiology 69592-	# Medical Microbiology	Saturday 28-8-2021		

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

	New Revised From March 2021			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV
CC-401	82840	Food and Dairy Microbiology	Wednesday 25-8-2021	From 4.30pm
CCS-402	82841	Microbial Fermentation Technology	Thursday 26-8-2021	To Tom 4.30pm
CCS-403	82842	Bioinformatics	Friday 27-8-2021	5.30pm
DSE-404	82843	Medical Microbiology	Saturday28-8-2021	

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

M.Sc	New Revised From Oct 2020 Exam			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session II
CC-301	80422	Genetic Engineering	Wednesday 25-8-2021	
CCS-302	80423	Microbial Diversity and Extremophils	Thursday 26-8-2021	From 12.30pm to
CCS-303	80424	Pharmaceutical Microbiology	Saturday 28-8-2021	1.30pm
DSE-304	80425	Immunology	Friday 27-8-2021	

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

M.S	M.Sc Part-II Sem-IV- Pharmaceutical Microbiology (C.B.C.S.)  Paper No Paper Code Paper Name Day and Date				
Paper No					
				Session-IV	
		Fermentation Technology and Process Designing	Wednesday 25-8-2021		
	69591	Quality Management and IPR	Thursday 26-8-2021	F 420	
	69590- 65088Biochemistry 63251Microbiology 65197Biotechnology	*Bioinformatics	Friday 27-8-2021	From 4.30pm To 5.30pm	
	69592- 63252-Microbiology	Medical Microbiology	Saturday 28-8-2021		

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

M.Sc	M.Sc Part-II Sem-IV- Pharmaceutical Microbiology (C.B.C.S.)				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time	
				Session II	
CC401	80429	Quality Management and IPR	Wednesday 25-8-2021		
CCS402	80430	Fermentation Technology and Process Designing	Thursday26-8-2021	From 12.30pm to	
CCS403	80431	Bioinformatics	Friday 27-8-2021	1.30pm	
DSE404	80432	Medical Microbiology	Saturday 28-8-2021		

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

M.Sc Par	New Revised From Oct 2019 Exam			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-II
CC-101	75006	Chemistry Of Pesticides and their formulation-I	Thursday 30-9-2021	F 12 20
CC-102	75007	Soil Science Fertilizers and Micronutrients	Friday 1-10-2021	From 12.30pm to
CC-103	75008	Introductory and Industrial Entomology	Monday 4-10-2021	1.30pm
CC-104	75009	Basic concepts in Plant Pathology	Tuesday 5-10-2021	

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

M.Sc Pa	M.Sc Part-I Sem-II-Agrochemical and Pest Management (C.B.C.S.)				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV	
CC-201	79233	Chemistry of Pesticides And Their Formulation-II	Thursday 30-9-2021		
CC-202	79234	Analytical Techniques For Agrochemicals	Friday 1-10-2021	From 4.30pm	
CC-203	79235	Economic Entomology	Monday 4-10-2021	To 5.30pm	
CC-204	79236	Agronomy, Seed Technology, Pathology, Weed Science Biostatistics	Tuesday 5-10-2021		

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

New Revised From Oct 2020		Branch M.Sc Part-II Sem-III - AGRO CHEMICAL & PEST MANAGEMNT (C.B.C.S.)		
Exam				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
				Session-II
IX	80567	Pesticide Residues And Toxicology	Wednesday 25-8-2021	
X	80568	Pest of Crop Plants And Their Control-I	Thursday 26-8-2021	From 12.30pm to
XI	80569	Analysis of Agrochemical	Friday 27-8-2021	1.30pm
XII	80570	Diseases of Vegetables Fruit tress,Plantation,Forest Ornamental Plants	Saturday 28-8-2021	

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

New Revised From March 2020 Exam		M.Sc Part-II Sem-IV - AGROCHE	MICAL&PESTMANAGEM	INT (C.B.C.S.)
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV
XIII	74519	Agro-based Marketing Management	Wednesday 25-8-2021	Session-IV
XIV	74520	Pests Of Crop Plants And Their Control-II	Thursday 26-8-2021	From 4.30pm To
XV	74521	Manufacture Of Agrochemicals	Friday 27-8-2021	5.30pm
XVI	74522	Agricultural Bio-Technology and Integrated Disease Management	Saturday 28-8-2021	

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

New Revised I 2021Exam	From March	M.Sc Part-II Sem-IV - AGRO CHEMICAI	L&PESTMANAGEMNT(	C.B.C.S.)
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV
XIII	81640	Agro-based Marketing Management	Wednesday 25-8-2021	
XIV	81641	Pests Of Crop Plants And Their Control- II	Thursday 26-8-2021	From 4.30pm To
XV	81642	Manufacture Of Agrochemicals	Friday 27-8-2021	5.30pm
XVI	81643	Agricultural Bio-Technology and Integrated Disease Management	Saturday 28-82021	

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

	M.Sc Part-I Sem-I General MICROBIOLOGY				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-II	
CC-101	74557	Taxonomy And Microbial Diversity	Tuesday 28-9-2021		
CC-102	74558	Virology	Wednesday 29-9-2021	From 12.30pm to	
CC-103	74559	Genetics And Molecular Biology	Thursday 30-9-2021	1.30pm	
CC-104	74560	Immunology	Friday 1-10-2021		

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

	M.Sc Part-II Sem-II General MICROBIOLOGY				
Paper No	Paper Code	Paper Name	Day and Date	Paper Time	
CC-201	74563	Techniques in Microbiology	Tuesday 28-9-2021	Session -IV	
CC-202	74564	Microbial Physiology Biochemistry and Metabolism	Wednesday 29-9-2021	From 4.30pm To	
CC-203	74565	Medical Microbiology	Thursday 30-9-2021	5.30pm	
CC-204	74566	Microbial Ecology	Friday 1-10-2021		

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

M D	W. D. : IF. O.				
New Revised From Oct 2020 Exam		M.Sc Part-II Sem-III General MICROBIOLOGY -			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session -II	
MIC-301	80530	Biostatistics Bioinformatics & Scientific Writings	Wednesday 25-8-2021	12.20	
MIC-302	80531	Enzymology and Enzyme technology	Thursday 26-8-2021	From 12.30pm to 1.30pm	
MIC-303	80532	Fermentation Technology	Friday 27-8-2021		
MIC-304	80533	Quality Control Microbiology	Saturday 28-8-2021		

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

	From March 2021 Exam			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
MIC-401	81634	Food and Dairy Microbiology	Wednesday 25-8-2021	Session-IV From 4.30pm
MIC-402	81635	Industrial Waste Management	Thursday 26-8-2021	To 5.30pm
MIC-403	81636	Recombinat DNA Technology	Friday 27-8-2021	
MIC-404	81637	Quality Control Microbiology	Saturday 28-8-2021	

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

		Misc. Geology [Cibic.	~•]	
	Revised From Oct 2019 Exam			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-II
CC-101	74747	Mineralogy Optics And Crystallography	Thursday 30-9-2021	120.5571111
CC-102	74748	Igneous Petrology	Friday 1-10-2021	From 12.30pm
CC-103	74749	Metamorphic petrology	Monday 4-10-2021	To 1.30pm
CC-104	74750	Sedimentary Petrology	Tuesday 5-10-2021	,

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

	New Revised From March 2020 Exam			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time
				Session-IV
CC-201			Thursday 30-9-2021	
	79238	Structural Geology and Geotectonics		
CC-202	79239	Stratigraphy and Palaeontology	Friday 1-10-2021	From 4.30pm
CC-203	79240	Economic Geology	Monday 4-10-2021	5.30pm
CC-204	79241		Tuesday 5-10-2021	

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

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	New Revised From Oct- 2020 Exam			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-II
CC-301	80520	Hydrogeology	Wednesday 25-8-2021	
CCS-302	80521	Geophysics and Exploration Methods	Thursday 26-8-2021	
CCS-303	80522	Geochemistry	Friday 27-8-2021	From 12.30pm to
		<b>Choose Any One of the Following</b>		1.30pm
DSE-304	80523 80524 80525 80526	Gemmology & Industrial Mineralogy Mining Geology Marine Geology Geoinformatics	Saturday 28-8-2021	ı

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

	Last Chance upto Oct-2021			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV
XIII	63210	Engineering Geology and Geotechniques	Wednesday 25-8-2021	From 4.30pm To
XIV	63211	Natural Resource Management	Thursday 26-8-2021	5.30pm
XV	63212	Environmental Geology	Friday 27-8-2021	

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

	New Revised From March 2021			
Paper No	Paper Code	Paper Name	Day and Date	Paper Time Session-IV
XIII	81626	Engineering Geology and Geotechniques	Wednesday 25-8-2021	From 4.30pm
XIV	81627	Natural Resource Management	Thursday 26-8-2021	To 5.30pm
XV	81628	Environmental Geology	Friday 27-8-2021	

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

S/d

Vidyanagar, Kolhapur-416004 Date:- 29-7-2021

Shri.G.R.Palse I/C Director Board of Examination And Evaluation