



## SHIVAJI UNIVERSITY, KOLHAPUR.

Circular No 914 Summer Session Online/Offline Exam March 2020

**Final Programme of M.Sc Part II Sem IV C.B.C.S (Course Code 205) Zoology, Computer Science, Organic, Inorganic, Physical, Analytical, Industrial, and Applied Chemistry, Botany, Horizontal Mobility (BioTech, BioChemistry, EnvBiotech, Microbiology, Pharmaceutical, Microbiology) Agrochemical and pest Management, Geology Examination of March /April- 2020 to be held in October 2020.**

**INSTRUCTION:-** Common instruction as per Circular No SU/Appointment/RVC/301,304,305 dated 13<sup>th</sup>, 14<sup>th</sup> & 16<sup>th</sup> September and also available on University Website [www.unishivaji.ac.in](http://www.unishivaji.ac.in)

The Centers and Places of Examination for Offline examination will be as under

### 1. The Offline Examination Place will be held at:

Sr. No	Center	College/Dept. Code	Exam	Places
01	KOLHAPUR	541 to 546 548, 552, 553 555 to 557, 578	M.Sc. (Zoology, Computer Sci., Chemistry (All Branches) Botany, Electronics, App Chemistry, Industrial Chemistry, Horizontal Mobility (Bio-tech, Bio-chem, Micro, Env-Biotech), A.G.P.M.), Science Subjects), Pharmaceutical Microbiology	University Teaching concern department. Shivaji University Campus. KOLHAPUR
02		31	M. Sc. Chemistry (Analytical)	Rajaram College, Kolhapur
03		260	M.Sc. Geology	Gopal Krishna Gokhale College, Kolhapur
04		01	M.Sc. Chemistry, Organic Chemistry	Vivekanand College, Kolhapur
05		32	M.Sc. Chemistry, (Physical)	Rajarshri Chh. Shahu College Kadamwadi
06	Arjunnagar	48	M.Sc. Agrochemical & Pest Management, Chemistry (Organic)	Devachand College, Arjunnagar, Kop
07	Jaysingpur	43	M.Sc. Chemistry, Analytical Chemistry	Jaysingpur College, JAYSINGPUR
08	Ichalkaranji	38	M. Sc. Botany	Dattajirao Kadam Arts, Science & Commers College Ichalkaranji
09	Gadhinglaj	03	M. Sc. Computer Science, M.Sc Chemistry (Organic)	Shivraj College of Arts, Commerce & D. S. Kadam Science college gadhinglaj Dist. Kolhapur.
	Urun Islampur	90	M.Sc. Computer Science, M.Sc. Chemistry Physical Chemistry,	1) Karmveer Bhaurao Patil College, Urun – Islampur. Dist- Sangli
		88	M.Sc. Computer Science, Chemistry, Organic Chemistry	2) Smt Kusumtai Rajarambapu patil kanya Mahavidylya Urun-Islampur.
11	Palus	104	M.Sc. Computer Science	Arts, Commerce & Science College, PALUS
12	Tasgaon	92	M.Sc. Chemistry, Organic Chemistry	Padm Bhushon DR. Vasantao dada patil Mahavidyalaya, Tasgaon
13	Sangli	73	M.Sc. Chemistry, Analytical Chemistry	1) Dr. Patangrao Kadam Mahavidylya Sangli
		78	M.Sc. Computer Science, Electronics	2) Smt Kasturbai Walchand College Sangli
		80	M.Sc. Chemistry (Organic)	3) Willingdon College Sangli
14	Kadegaon	101	M. Sc. Botany	Matoshri Bayyabai Shripathrao Kadam Kanya Mahavidyalaya, Kadegaon Dist Sangli
15	Vita	86	M.Sc. Chemistry Inorganic, Organic, Analytical	Balwant College, VITA

Sr. No	Center	College/Dept. Code	Exam	Places
16	Satara	149	M.Sc. Botany, Chemistry, Organic Chemistry, App. Microbiology, Zoology, Electronics.	1) Yashwantrao Chavan Institute of Science, SATARA.
		145	M.Sc. Chemistry, Analytical Chemistry, Zoology.	2) Lal Bahadur Shastri college Satara
17	Dahiwadi	164	M.Sc. Chemistry Organic Chemistry	Dahiwadi College, DAHIWADI.
18	Karad	158	M.Sc., Chemistry, Analytical Chemistry, Microbiology (CBCS-R), General	1) Yashwantrao Chavan college of Science College, KARAD
		156	M.Sc. Zoology, Computer Sci., Chemistry, Organic Chemistry.	2) Sadguru Gadge Maharaj College Karad
19	Patan	159	M.Sc. Chemistry, Analytical Chemistry	Balasaheb Desai College, PATAN
20	Wai	161	M.Sc. Chemistry, Organic Chemistry,	Kissan Veer Mahavidyalaya, Wai.
21	Jath	94	M.Sc. Chemistry (Analytical)	RajeRamrao Mahavidyalya Jath Dist Sangli
22	Warananagar	50	M.Sc. Chemistry (Analytical)	Yashwantrao Chavan Warna Mahavidylaya Warananagar

**2. The Online/Offline examination schedule will be conducted in the following order:**

### M.Sc Zoology

Branch Code- M.Sc ZOOLOGY ( C.B.C.S.)				From April-2015
Part II :- SEM-IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	65108	Animal Cells in Biotechnology	Monday 19-10-2020	From 4.00pm to 5.00pm
XIV	65109	Toxicology and Immunology	Tuesday 20-10-2020	
<b>Paper No. – Paper – XV Choose <u>Any one</u> of the following (Optional)</b>				
Paper – NO XV	65112	Cell in differentiation, development and specialization	Wednesday 21-10-2020	From 4.00pm to 5.00pm
	65113	Physiology of Health		
	65114	Insect Anatomy and Physiology		
	65115	Aquaculture practices		
	65181	Cytogenetic and breeding of silkworm & Host Plants		
<b>Paper No. – Paper – XVI Choose <u>Any one</u> of the following (Optional)</b>				
Paper – NO XVI	65116	Cell Pathology	Thursday 22-10-2020	From 4.00pm to 5.00pm
	65117	Clinical Physiology		
	65118	Pest Management Concepts		
	65119	Fishery Technology		
	65182	Grain age, Silk Technology and Economics of Sericulture		
CBCS Elective Paper From March. 2016	65762	Biology of Reproduction	Friday 23-10-2020	

## PHYSICAL CHEMISTRY [ C.B.C.S.](Old)

Exam Center:- Kolhapur, Urun - Islampur,

Branch Code- PHYSICAL CHEMISTRY (C.B.C.S.)					
M.Sc Part II :- Sem IV					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
XIII	61416	Thermodynamics and Molecular Modelling	Saturday 24-10-2020	From 11.00am to 12.00 noon	
XIV	61417	Chemical Kinetics	Monday 26-10-2020		
XV	61418	Molecular Structure – II	Tuesday 27-10-2020		
CHOOSE ANY ONE OF THE FOLLOWING PAPER					
XII-	61419	Surface Chemistry	Wednesday 28-10-2020		
	61421	Chemistry of Materials			
	61422	Biophysical chemistry			

## PHYSICAL CHEMISTRY [ C.B.C.S.](New)

Exam Center:- Kolhapur, Urun - Islampur,

Branch Code- PHYSICAL CHEMISTRY (C.B.C.S.)				Revised From March 2020
M.Sc Part II :- Sem IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	79207	Thermodynamics and Molecular Modeling	Saturday 24-10-2020	From 11.00am to 12.00 noon
XIV	79208	Chemical Kinetics	Monday 26-10-2020	
XV	79209	Molecular Structure – II	Tuesday 27-10-2020	
CHOOSE ANY ONE OF THE FOLLOWING PAPER				
XII-	79210	Surface Chemistry	Wednesday 28-10-2020	
	79211	Chemistry of Materials		
	79212	Biophysical chemistry		

## ANALYTICAL CHEMISTRY [ C.B.C.S.](Old)

Branch Code - ANALYTICAL CHEMISTRY (C.B.C.S.)				From April-2015
M.Sc Part II :- Sem. – IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	61527	Modern Separation method in Analysis	Saturday 24-10-2020	From 11.00am to 12.00 noon
XIV	61528	Organic Industrial Analysis	Monday 26-10-2020	
XV	61529	Advanced Methods in Chemical Analysis	Tuesday 27-10-2020	
Paper No. XVI- Choose any One	61530	Applied Analytical Chemistry	Wednesday 28-10-2020	
	61531	Techniques in Forensic Science and Microbiological		
	61537	Computational Chemistry		

## ANALYTICAL CHEMISTRY [ C.B.C.S.](New)

Branch Code - ANALYTICAL CHEMISTRY (C.B.C.S.)				Revised From March 2020
M.Sc Part II :- Sem. – IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	79215	Modern Separation method in Analysis	Saturday 24-10-2020	From 11.00am to 12.00 noon
XIV	79216	Organic Industrial Analysis	Monday 26-10-2020	
XV	79217	Advanced Methods in Chemical Analysis	Tuesday 27-10-2020	
Paper No. XVI- Choose any One	79218	Industrial Analytical Chemistry	Wednesday 28-10-2020	
	79219	Quality Assurance and Accreditation		

## INORGANIC CHEMISTRY [ C.B.C.S.](Old)

Exam Center :- Kolhapur, Sangli, Vita, Satara,

Branch Code- INORGANIC CHEMISTRY (C.B.C.S.)				
Part II :- Sem. – IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	61424	Instrumental Techniques	Saturday 24-10-2020	From 11.00am to 12.00 noon
XIV	61425	Co-Ordination Chemistry –II	Monday 26-10-2020	
PXV	61426	Chemistry of Inorganic Materials	Tuesday 27-10-2020	
Paper No XVI- Choose Any One	61427	Separation Science	Wednesday 28-10-2020	
	61534	Radiation Chemistry		
	61535	Applied Bioinorganic Chemistry		

## INORGANIC CHEMISTRY [ C.B.C.S.](New)

Exam Center :- Kolhapur, Sangli, Vita, Satara,

Branch Code- INORGANIC CHEMISTRY (C.B.C.S.)			Revised From March 2020	
Part II :- Sem. – IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	79200	Instrumental Techniques	Saturday 24-10-2020	From 11.00am to 12.00 noon
XIV	79201	Co-Ordination Chemistry	Monday 26-10-2020	
XV	79202	Chemistry of Inorganic Materials	Tuesday 27-10-2020	
Paper No XVI- Choose Any One	79203	Energy and Environmental Chemistry	Wednesday 28-10-2020	
	79204	Radiation Chemistry		

## M.Sc. ORGANIC CHEMISTRY

M.Sc. ORGANIC CHEMISTRY M.Sc Part II :- Sem IV (Old)				
PAPER NO.	PAPER CODE	PAPER	DAY & DATE	PAPER TIME
XIII	61430	Theoretical Organic Chemistry	Saturday 24-10-2020	From 11.00am to 12.00 noon
XIV	61431	Stereochemistry	Monday 26-10-2020	
XV	61432	Chemistry of Natural Products	Tuesday 27-10-2020	
.XVI- Choose Any	61433	Applied Organic Chemistry	Wednesday 28-10-2020	
	61536	Computational Chemistry		
	64647	Bio-organic Chemistry		

**M.Sc. ORGANIC CHEMISTRY M.Sc Part II :- Sem IV (New)**

PAPER NO.	PAPER CODE	PAPER	DAY & DATE	PAPER TIME
XIII	74454	Theoretical Organic Chemistry	Saturday 24-10-2020	From 11.00am to 12.00 noon
XIV	74455	Stereochemistry	Monday 26-10-2020	
XV	74456	Chemistry of Natural Products	Tuesday 27-10-2020	
XVI Choose Any one	74457	Organic Industrial Chemistry	Wednesday 28-10-2020	
	74458	Bio-organic Chemistry		

**M.Sc APPLIED CHEMISTRY(Old)**

		Branch Code - M.Sc APPLIED CHEMISTRY ( C.B.C.S.)(Old)		
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	61410	Applied Inorganic Chemistry – II	Saturday 24-10-2020	From 11.00am to 12.00 noon
XIV	61411	Applied Organic Chemistry – II	Monday 26-10-2020	
XV	61412	Advanced Organic Chemistry – II	Tuesday 27-10-2020	
XVI	61413	Inorganic Chemical Industries	Wednesday 28-10-2020	

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

Branch Code- APPLIED CHEMISTRY ( C.B.C.S.) M.Sc Part II :- Sem.-IV				Revised From March 2020
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	74549	Applied Inorganic Chemistry	Saturday 24-10-2020	From 11.00am to 12.00 noon
XIV	74550	Applied Organic Chemistry	Monday 26-10-2020	
XV	74551	Advance Organic Chemistry	Tuesday 27-10-2020	
XVI Choose any one	74552	Inorganic Chemical Industries	Wednesday 28-10-2020	
	74553	Pollution Monitoring Control		
	74554	Applied Analytical Chemistry-II		

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

Exam Center :- Kolhapur, Ichalkaranji, Kadegaon, Satara

		Branch Code - BOTANY ( C.B.C.S.)	From April-2015	
Part II., :- Sem – IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	63273	Plant Physiology and Metabolism	Monday 19-10-2020	From 4.00pm to 5.00pm
XIV	65121	Biodiversity, conservation and utilization	Tuesday 20-10-2020	
XV	PAPER NO.- XV – CHOOSE ANY ONE OF THE FOLLOWING			
	63275	Plant Physiology-III	Wednesday 21-10-2020	From 4.00pm to 5.00pm
	63276	Mycology and Plant Pathology-III		
	63277	Cytogenetic and Plant Breeding-III		
	63278	Energy, Ecology and Environment-III		
	63279	Angiosperm Taxonomy-III		
	63280	Marine Botany-III		
	63281	Plant Biotechnology-III		
	63299	Plant Protection-III		
63300	Plant Diversity –III			
XVI	PAPER NO.- XVI – CHOOSE ANY ONE OF THE FOLLOWING			
	63282	Plant Physiology-IV	Thursday 22-10-2020	From 4.00pm to 5.00pm
	63283	Mycology and Plant Pathology-IV		
	63284	Cytogenetic and Plant Breeding-IV		
	63285	Energy, Ecology and Environment- IV		
	63286	Angiosperm Taxonomy-IV		
	63287	Marine Botany-IV		
	63288	Plant Biotechnology-IV		
	63301	Plant Protection-IV		
63302	Plant Diversity-IV			
Elective paper	65195	Plant A Biological Capital	Friday 23-10-2020	

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

		Branch Code - ELECTRONICS ( C.B.C.S.)	From April-2015	
Part II :- Sem.-IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	64906	Digital Signal Processing	Monday 19-10-2020	From 4.00pm to 5.00pm
XIV	64907	Analog and Digital Circuit Design	Tuesday 20-10-2020	
XV	PAPER NO.- XV - CHOOSE ANY TWO OF THE FOLLOWING			
	64909	ARM Programming and Embedded Communication Protocols	Wednesday 21-10-2020	From 4.00pm to 5.00pm
	64910	Advanced Microcontroller and RTOS	Thursday 22-10-2020	
	64911	Cellular Mobile Communications	Friday 23-10-2020	
	64912	Electronic Neural Networks	Saturday 24-10-2020	
	64913	Advanced Drives	Monday 26-10-2020	
	64914	Antennas	Tuesday 27-10-2020	
	64915	FPGA Based Systems	Wednesday 28-10-2020	

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

<b>Branch Code - INDUSTRIAL CHEMISTRY ( C.B.C.S.)</b>				
<b>M.Sc Part II :- Sem.-IV</b>				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	61521	Organic Chemical Industries – II	Saturday 24-10-2020	From 11.00am to 12.00 noon
XIV	61522	Inorganic Chemical Industries – II	Monday 26-10-2020	
XV	61523	Selected Topics Industrial Chemistry	Tuesday 27-10-2020	
XVI	61524	Soil and radioactive Pollution	Wednesday 28-10-2020	

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

<b>Branch Code - INDUSTRIAL CHEMISTRY ( C.B.C.S.) Revised From March 2020</b>				
<b>M.Sc Part II :- Sem.-IV</b>				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	74533	Drug and Pharmaceuticals	Saturday 24-10-2020	From 11.00am to 12.00 noon
XIV	74534	Inorganic Chemical Industries	Monday 26-10-2020	
XV	74535	Selected Topics in Industrial Chemistry	Tuesday 27-10-2020	
XVI	74536	Environmental Chemistry	Wednesday 28-10-2020	
Chose any one	74537	Pharmaceutical Chemistry		
	74538	Chemistry of Industrial Important Materials		

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

		Branch Code - BIOCHEMISTRY ( C.B.C.S.)From April-2015		
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	71009	Research Methodology, Entrepreneurship Development & Tissue Culture <b>(New From April 2018)</b>	Saturday 24-10-2020	From 11.00am to 12.00 noon
XIV	71118	Neurochemistry and Carcinogenesis <b>(New From April 2018)</b>	Monday 26-10-2020	
XV	63251-Microbiology 65088-Biochemistry 65197-Biotechnology	*Bioinformatics	Thursday 29-10-2020	
<b>Paper No. XVI - Choose Any One of the Following</b>				
XVI	65087	Medical and Environmental	Wednesday 28-10-2020	
	65089-Biochemistry 65131 Environmental Biotechnology	\$ Fermentation Technology – II		
	65090	Clinical Biochemistry – II		
	65091	Biochemical and Environmental Toxicology		

**Note** \* common paper with Microbiology & Biotechnology  
\$ Common Paper with Biotechnology & Envi- Biotechnology

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

		Branch Code - BIOTECHNOLOGY ( C.B.C.S.) From April-2015		
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	65769	Animal Tissue Culture (Revised)	Saturday 24-10-2020	From 11.00am to 12.00 noon
XIV	65080	** Advances in Genomics and Proteomics	Monday 26-10-2020	
XV	65081	Advances in Plant Biotechnology	Tuesday 27-10-2020	
<b>Choose Any One of the Following</b>				
XVI	65082	Industrial Organization and Management	Saturday 31-10-2020	
New( From March 2016)	65773	Nanobiotechnology		
XIV	65088-Biochemistry 63251-Microbiology 65197-Biotechnology	* Bioinformatics	Thursday 29-10-2020	
	65089-Biochemistry 65131 Environmental Biotechnology	\$ Fermentation Technology II	Wednesday 28-10-2020	

**Note** \* Common Paper with Biochemistry & Microbiology  
\$ Common Paper with Biochemistry & Envi- Biotchnology  
\*\* Common paper with Envi-Biotechnology



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

		Branch Code - ENV. BIOTECHNOLOGY ( C.B.C.S. ) From April-2015		
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	65128	Environmental Pollution and Control	Saturday 24-10-2020	From 11.00am to 12.00 noon
XIV	65129	Environmental Biotechnology	Thursday 29-10-2020	
XV	65130	Biodiversity, IPR Biosafety & Bioethics	Tuesday 27-10-2020	
XVI	65131-Environmental Biotechnology 65089-Biochemistry	\$ Fermentation Technology – II	Wednesday 28-10-2020	
	65080	** Advances in Genomics & Proteomics	Monday 26-10-2020	

**Note :- \$ Common Paper with Biochemistry & Biotechnology**

**\*\* Common Paper with Biotechnology**

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

**Center:- KOLHAPUR**

		Branch Code - MICROBIOLOGY ( C.B.C.S. ) From April-2015		
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	63249	Food and Dairy Microbiology	Saturday 24-10-2020	From 11.00am to 12.00 noon
XIV	65088-Biochemistry 63251-Microbiology 65197-Biotechnology 69590- Pharmaceutical Microbiology	*Bioinformatics	Thursday 29-10-2020	
XV	63250	Microbial Fermentation Technology	Monday 26-10-2020	
XVI	63252-Microbiology 69592-Pharmaceutical Microbiology	# Medical Microbiology	Tuesday 27-10-2020	

**Note \* common paper with biochemistry & Microbiology, Biotechnology Pharmaceutical Microbiology**

**# common paper with Pharmaceutical Microbiology**

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

Center :- KOLHAPUR

		Branch Code- PHARMACEUTICAL MICROBIOLOGY ( C.B.C.S.)From March 2018		
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
	69589	Fermentation Technology and Process Designing	Saturday 24-10-2020	From 11.00am to 12.00 noon
	69591	Quality Management and IPR	Monday 26-10-2020	
	69590- Pharmaceutical Microbiology 65088-Biochemistry 63251-Microbiology 65197-Biotechnology	*Bioinformatics	Thursday 29-10-2020	
	69592- Pharmaceutical Microbiology 63252-Microbiology	# Medical Microbiology	Tuesday 27-10-2020	

**Note :- \* Common Paper with Biotechnology, Env-Biotechnology, Biochemistry & Microbiology  
# common paper with Microbiology**

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

		Branch Code - AGROCHEMICAL & PEST MANAGEMNT (C.B.C.S.) From April-2015		
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	65025	Agro-based Marketing Management	Monday 19-10-2020	From 4.00pm to 5.00pm
XIV	65026	Pests Of Crop Plants And Their Control- II	Tuesday 20-10-2020	
XV	65027	Manufacture Of Agrochemicals	Wednesday 21-10-2020	
XVI	65028	Diseases Of Crop Plants and Their Control -II	Thursday 22-10-2020	

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

Revised From March 2020		Branch Code - AGROCHEMICAL & PEST MANAGEMNT (C.B.C.S.)		
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	74519	Agro-based Marketing Management	Monday 19-10-2020	From 4.00pm to 5.00pm
XIV	74520	Pests Of Crop Plants And Their Control- II	Tuesday 20-10-2020	
XV	74521	Manufacture Of Agrochemicals	Wednesday 21-10-2020	
XVI	74522	Agricultural Bio-Technology and Integrated Disease Management	Thursday 22-10-2020	

**M.Sc. MICROBIOLOGY [C.B.C.S.- R]**

		Branch Code - MICROBIOLOGY (Regu.) [ C.B.C.S.- R]	From April-2015	
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE		DAY & DATE	PAPER TIME
XIII	65094	Food and Dairy Microbiology	Saturday 24-10-2020	From 11.00am to 12.00 noon
XIV	65095	Fermentation Technology	Monday 26-10-2020	
XV	65096	Industrial waste management	Tuesday 27-10-2020	
XVI	65097	Recombinant DNA Technology	Wednesday 28-10-2020	

**M.Sc. APPLIED MICROBIOLOGY (C.B.C.S.)**

		Branch Code - APPLIED MICROBIOLOGY (C.B.C.S.)	From April- 2015	
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	65013	Industrial Microbiology	Monday 19-10-2020	From 4.00pm to 5.00pm
XIV	65014	Bioprocesses	Tuesday 20-10-2020	
XV	65106	Food and Agricultural Technology	Wednesday 21-10-2020	
XVI	<b>Paper No. XVI :- Choose Any One Of The Following Paper</b>			
	65015	Industrial Waste Management and Microbial Bioremediation	Thursday 22-10-2020	
	65016	Quality Management System In Industry		

### M.Sc. GEOLOGY(Old)

		Branch Code - GEOLOGY From April-2015		
		M.Sc Part II:- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	63210	Engineering Geology and Geotechniques	Monday 19-10-2020	From 4.00pm to 5.00pm
XIV	63211	Natural Resource Management	Tuesday 20-10-2020	
XV	63212	Environmental Geology	Wednesday 21-10-2020	

### M.Sc. GEOLOGY(New)

		Branch Code M.Sc - GEOLOGY Revised From March 2020		
		M.Sc Part II:- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	79194	Engineering Geology and Geotechniques	Monday 19-10-2020	From 4.00pm to 5.00pm
XIV	79195	Natural Resource Management	Tuesday 20-10-2020	
XV	79196	Environmental Geology	Wednesday 21-10-2020	

S/d

**Vidyanagar,  
Kolhapur-416004  
Date :- 09 -10-2020**

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

