



C . B . C . S .

M.A./M.Sc. (Maths & Geog.),

&

M.Sc. Tech (Maths),

Exam

DRAFT PROGRAMME of

April-2018

SHIVAJI UNIVERSITY, KOLHAPUR.
Circular No-(60) Exam. Of April-2018

Draft Programme of the M.A./M.Sc.(Mathe.& Geo.),M.Sc (All Science Subject), M.Sc. Tech (Math.) Choise Base Credit System

1. [C.B.C.S.] Examination to be held in April-2018. The Written Examination will be held at :-

Sr. No	Center	College Code	Exam	Places
01	KOLHAPUR	549	M.A./M.Sc. Mathematics & M.Sc Tech Mathematics	Department of Mathematics, Shivaji University KOLHAPUR.
		573	M.A./M.Sc. Mathematics	Department of Distance Education, KOP
		547	M.sc Physics	Department of Physics, Shivaji University KOLHAPUR.
		550	M.Sc Statistics & Applied Statistics and Information	Department of Statistics, Shivaji University KOLHAPUR.
		551	M.Sc Environmental Science	Department of Environmental Science, SUK
		571	M.Sc Food Science & Technology	Department of Food Science & Technology, SUK
		540	M.A./M.Sc Geography	Department of Geography, Shivaji University KOLHAPUR.
		1	M.A./M.Sc. Mathematics, Physics	Vivekanand College, KOLHAPUR
		50	M.A./M.Sc. Mathematics	Yashwantrao Chavan Warna Mahavidyalaya, WARNANAGAR
02	URUN ISLAMPUR	48	M.Sc Physics	Devchand College,Arjunnagar
		90	M.A./M.Sc. Mathematics	Karmveer Bhaurao Patil College, Urun – Islampur.
		88	M.Sc. Physics	Smt. Kusumtai Rajarambapu Patil, Kanya Mahavidyalaya
03	SANGLI	444	M.Sc Alochol Technology & Sugar Technology	Rajarambapu College of Sugar Technology, URUN-ISLAMPUR
		78	M.Sc. Physics	Smt. Kasturabi Walchand College of Arts & Science, Sangli.
		80	M.A./M.Sc. Mathematics	Willingdon College, SANGLI
		94	M.Sc. Physics	Raje Ramrao Mahavidyalaya, JATH
04	KARAD	92	M.A./M. Sc. Geography, Statistics	Padm. Bhushan Dr. Vasantrodada Patil Mahavidyalaya, Tasgaon
		156	M.A./M. Sc. Geography, M.A./M.Sc. Mathematics, Industrial Microbiology	Sadguru Gadage Maharaj College, KARAD
05	SATARA	153	M.A./M. Sc. Geography	Mahila Mahavidyalaya,KARAD
		259	M.A./M.Sc Geography	Chhatrapati Shivaji College, SATARA
		149	M.sc Physics, Statistics & M.A./M. Sc. Mathematics	Yashwantrao Chavan Institute of Science, SATARA.
		173	M.A./M.Sc Geography	Raja Shripatrao Bhagawantrao Mahavidyalaya, AUNDH

- Candidates are requested to be present at their respective places of Examination 15 MINUTES before the time scheduled for the starting of the First Paper.
- The Practical examination will be held after written examination. The Information regarding place, date and time of the Practical examination will be notified in the practical programme of the subject. Those who fail to present themselves at the practical examination on the scheduled date and time will not be examined in practical. The practical programme will be displayed on the notice board of the Department.
- The Examination Programme is subject to change. The candidates are advised to check the **Examination programme**. If there is any change in the examination programme the university is not responsible for the loss or inconvenience caused to the candidates.
- The external candidates are requested to see their examination seat numbers as well as place of examination on the notice board of the University Office at least two days before the date of examination.
- Cellular phone, Programmable Scientific Calculators, Digital Diary or any means which can be used for unfair practice are not allowed in the Exam.Hall.
- Examinee should confirm the customized time table printed on his/her hall ticket with the **Exam Programme** of examination sent to his/her Department.

Vidyanagar,
Kolhapur – 416 004
Date :- 20 February 2018

SHRI. M.A. KAKADE
DIRECTOR
BOARD OF EXAMINATIONS AND EVALUATION

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

Exam Center & College Code :- (Kolhapur-549,573,1 & 50 Sangli-80, Karad-156, Urun Islampur-90, Satara-149,)

		Branch Code - MATHEMATICS (C.B.C.S.)		From Oct. 2013	
		Part I - Sem I			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
I	59827	Algebra	Wednesday – 02.05.2018	From 11.00.AM To 02.00 PM	
II	59831	Classical Mechanics	Wednesday – 25.04.2018		
IV	59829	Real Analysis	Friday – 27.04.2018		
III	59830	Differential Equations	Monday – 23.04.2018		
V	59828	Advanced Calculus	Friday – 04.05.2018		

		Branch Code - MATHEMATICS (C.B.C.S.)		From April-2015	
		Part I :- Sem II			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
IX	61382	Topology	Wednesday – 11.04.2018	From 11.00.AM To 02.00 PM	
VII	69566/61384	Numerical Analysis (Revised From April-2018)	Thursday – 19.04.2018		
VI	61385	Differential Geometry	Tuesday – 17.04.2018		
VIII	61383	Complex Analysis	Friday – 13.04.2018		
X	61381	Liner Algebra	Saturday – 21.04.2018		

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

Exam Center & College Code :- (Kolhapur-549,573,1 & 50 Sangli-80,Karad-156, Urun Islampur-90, Satara-149,)

		Branch Code - MATHEMATICS (C.B.C.S.)	From Oct. 2014	
		Part II :- Sem III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XI	63303	Functional Analysis	Friday – 04.05.2018	From 03.00.PM To 06.00 PM
XII	63304	Advanced Discrete Mathematics	Thursday – 03.05.2018	
Paper No. – XIII, XIV & XV – Choose any Three of the following				
	63336	Integral Equation	Wednesday – 11.04.2018	From 03.00.PM To 06.00 PM
	63308	Commutative Algebra – I		
	63316	Operation Research - I	Friday – 13.04.2018	
	63313	Lattice Theory & Its Application – I		
	63307	Number Theory	Tuesday – 17.04.2018	
	63312	Riemannian Geometry -I	Thursday – 19.04.2018	
	63305	Fluid Dynamics - I		
	63315	General Relativity – I	Tuesday – 24.04.2018	
	63309	Approximation Theory		
	63314	Fuzzy Mathematics – I	Saturday – 28.04.2018	
	63317	Dynamical Systems – I		
<u>Add on CBCS</u>	<u>70813</u>	<u>Web Designing</u>	Tuesday- 17.04.2018	

		Branch Code - MATHEMATICS (C.B.C.S.)	(From April-2015)	
		Part II :- SEM-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XVI	69567/63326	Field Theory (Revised From April-2018)	Monday – 23.04.2018	From 03.00.PM To 06.00 PM
XVII	63319	Partial Differential Equations	Friday – 27.04.2018	
Paper No. – XVIII, XIX & XX – Choose any Three of the following				
	63335	Fractional Differential Equations	Wednesday – 25.04.2018	From 03.00.PM To 06.00 PM
	63322	Commutative Algebra – II		
	63327	Wavelet Analysis	Wednesday – 18.04.2018	
	63334	Algebraic Number Theory		
	63325	Riemannian Geometry -II		
	63329	Computational Fluid Dynamics	Thursday – 12.04.2018	
	63323	Operations Research –II	Tuesday – 10.04.2018	
	63331	Dynamical Systems- II		
	63330	General Relativity II	Monday – 16.04.2018	
	63328	Fuzzy Relation And Logic		
	63324	Lattice Theory –II	Friday – 20.04.2018	
	63320	Combinatorics		

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

Exam Center & College Code :- (Kolhapur-547 & 1, Urun-Islampur-88, Sangli-78 & 94, Satara-149)

		Branch Code - PHYSICS (C.B.C.S.)		From Oct. 2013	
		Part I :- Semester I			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
I	59749	Mathematical Methods in Physics	Tuesday- 10.04.2018	From 11.00 AM To 02.00 PM	
II	59748	Classical Mechanics	Thursday- 12.04.2018		
III	59746	Quantum Mechanics I	Monday- 16.04.2018		
IV	59747	Condensed Matter Physics	Wednesday- 18.04.2018		
	59750	Practical - I			
	59751	Practical - II			

		Branch Code - PHYSICS (C.B.C.S.)		From April-2014	
		Part I :- Semester II			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
V	61301	Quantum Mechanics II	Monday- 09.04.2018	From 11.00 PM To 02.00 PM	
VI	61302	Statistical Mechanics	Wednesday- 11.04.2018		
VII	61303	Electrodynamics	Friday- 13.04.2018		
VIII	61304	Atomic & Molecular Physics	Tuesday- 17.04.2018		
	61305	Practical - III			
	61306	Practical - IV			

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

Exam Center & College Code :- (Kolhapur-547 & 1, Urun-Islampur-88, Sangli-78 & 94, Satara-149)

		Branch Code - PHYSICS (C.B.C.S.)	From Oct. 2015	
		Part II :- Semester III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
IX	64101	Nuclear and Particle Physics	Tuesday- 10.04.2018	From 03.00 PM To 6.00 PM
Paper No. X – Choose Any One Of The Following Paper				
Choice Base Paper (Any One) X	64620	Fundamentals and Applications of Remote Sensing	Thursday - 12.04.2018	From 03.00 PM To 6.00 PM
	64102	Data Analysis and Statistical Software		
	64103	Numerical Computing Using MATLAB		
	64526	Computational Programming using Mathematica		
	64678	Principles of Food Processing & Preservation		
	70759	Society and Culture of Maharashtra (CBCS)		
Paper No. XI – Choose Any One of The Following Subject XI	64104	Energy Science – I (The New Energy Technologies)	Monday- 16.04.2018	From 03.00 PM To 6.00 PM
	64105	Material Science – I (Imperfection in Crystals)		
	64106	Modern Optics – I (Laser Physics)		
	64107	Space Science – I (Windows to the Uni.,S.S.,Planetary Atmospheres)		
	64108	Solid State Physics – I (Thin Solid Films:Deposition and Properties)		
	64109	Theoretical Physics –I (Relativistic Quantum Mechanics.)		
Paper No. XII – Choose Any One of The Following Subject	64110	Energy Science – II (Solar Thermal Devices)	Wednesday- 18.04.2018	From 03.00 PM To 6.00 PM
	64111	Material Science – II (Physics of metals and Alloys)		
	64112	Modern Optics – II (Nonlinear Optics and Fiber Optics)		
	64113	Space Science – II (Astrophysics of the Sun)		
	64114(Old)	Solid State Physics – II (Semiconductor Devices)		
	64115	Theoretical Physics –II (Quantum Field Theory – I)		
	66764(New)	Solid State Physics-II (Semiconductor Physics)		
PRACTICAL V	64421,	1. Energy Science Project Work I		
	64422,	2. Materials Science Project Work I		
	64424,	3. Modern Optics Project Work I		
	64425,	4. Space Science Project Work I		
	64423,	5. Solid State Physics Project Work I		
	64426	6. Theoretical Physics Project Work I		
PRACTICALVI	64427,	1. Energy Science Lab Work I		
	64428,	2. Materials Science Lab Work I		
	64430,	3. Modern Optics Lab Work I		
	64431,	4. Space Science Lab Work I		
	64429,	5. Solid State Physics Lab Work I		
	64432	6. Theoretical Physics Lab Work I		

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

Exam Center & College Code :- (Kolhapur-547 & 1, Urun-Islampur-88, Sangli-78 & 94, Satara-149)

		Branch Code - PHYSICS (C.B.C.S.)	From-(Oct-2015)	
Part II :- Semester IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	65031	Experimental Techniques	Monday - 09.04.2018	From 03.00 PM To 6.00 PM
XIV	PAPER NO. XIV:- Choose Any One Of The Following Paper			
Choice Base Paper (Any One Paper)	65141	Electronic Devices	Wednesday- 11.04.2018	From 03.00 PM To 6.00 PM
	65062	Computational Methods And Programming		
	65063	Special Materials		
Paper No. XV – Choose Any One of The Following	65032	Energy Science –III (Renewable Energy Resources)	Friday- 13.04.2018	From 03.00 PM To 6.00 PM
	65033	Material Science – III (Mechanical Properties and Liquid Crystals)		
	65035	Modern Optics – III (Laser and its Applications)		
	65036	Space Science – III (Solar Wind and its Interaction with Planets and Satellites)		
	65034	Solid State Physics – III (Physical Properties of Solids)		
	65037	Theoretical Physics –III (Interaction of Electromagnetic Waves with Electron Beams and Plasmas)		
Paper No. XVI – Choose Any One of The Following Subject	65039	Energy Science – IV (Energy Conversion Devices)	Tuesday- 17.04.2018	From 03.00 PM To 6.00 PM
	65040	Material Science – IV (Special Materials)		
	65042	Modern Optics – IV (Holography)		
	65043	Space Science – IV (Solar terrestrial Physics & Space Applications)		
	65041(Old)	Solid State Physics – IV (Semiconductor Physics)		
	65038	Theoretical Physics –IV (Quantum Field Theory-2)		
	66765(New)	Solid State Physics-IV (Energy Conversion & Storage Devices)		
PRACTICAL VII	65056	1. Energy Science Project Work II		
	65058	2. Materials Science Project Work II		
	65059	3. Modern Optics Project Work II		
	65060	4. Space Science Project Work II		
	65057	5. Solid State Physics Project Work II		
	64132	6. Theoretical Physics Project Work II		
PRACTICAL VIII	65050	1. Energy Science Lab Work II		
	65051	2. Materials Science Lab Work II		
	65053	3. Modern Optics Lab Work II		
	65054	4. Space Science Lab Work II		
	65052	5. Solid State Physics Lab Work II		
	65055	6. Theoretical Physics Lab Work II		

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

Exam Center & College Code :- (Kolhapur-550, Sangli-92 & Satara-149)

		Branch Code - STATISTICS (C.B.C.S.)			(Revised From Oct-2016)
		Part I :- Sem.-I			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
I	68228	Statistical Mathematics – I	Friday- 20.04.2018	From 11.00 AM To 02.00 PM	
II	68229	Statistical Mathematics – II	Saturday- 21.04.2018		
III	68230	Distribution Theory	Monday- 23.04.2018		
IV	68231	Estimation Theory	Tuesday- 24.04.2018		
V	68232	Statistical Computing	Wednesday- 25.04.2018		
	68234	Practical - I			

		Branch Code - STATISTICS (C.B.C.S.)			(Revised From April-2018)
		Part I :- Sem.-II			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
VI	69598	Probability Theory	Thursday- 26.04.2018	From 11.00 AM To 02.00 PM	
VII	69599	Theory of Testing of Hypothesis	Saturday- 28.04.2018		
VIII	69600	Multivariate Analysis	Thursday- 03.05.2018		
IX	69601	Linear Models & Design of Experiments	Saturday- 05.05.2018		
X	69602	Sampling Theory	Tuesday- 08.05.2018		
	69603	Practical - II			

M.Sc. Statistics

Exam Center & College Code :- (Kolhapur-550, Sangli-92 & Satara-149)

		Branch Code - STATISTICS (C.B.C.S.)		From Oct. 2014	
		Part II :- Sem.-III			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
XI	63216	Asymptotic Inference	Friday- 20.04.2018	From 03.00 PM To 06.00 PM	
XII	63217	Elementary Stochastic Process	Saturday- 21.04.2018		
XIII	63218	Planning and Analysis of Industrial Experiment	Monday- 23.04.2018		
Paper No. XIV & XV :- Choose Any Two of the Following Papers					
	63220	Reliability Theory	Tuesday- 24.04.2018	From 03.00 PM To 06.00 PM	
	63221	Regression Analysis	Wednesday- 25.04.2018		
	63219	Practical - III			

		Branch Code - STATISTICS (C.B.C.S.)		(Revised From Oct-2017)	
		Part II :- Sem.-III			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
XI	69604	Asymptotic Inference	Friday- 20.04.2018	From 03.00 PM To 06.00 PM	
XII	69605	Elementary Stochastic Processes	Saturday- 21.04.2018		
XIII	69606	Planning and Analysis of Industrial Experiments	Monday- 23.04.2018		
Paper No. XIV & XV :- Choose Any Two of the Following Papers					
	69609	Reliability Theory	Tuesday- 24.04.2018	From 03.00 PM To 06.00 PM	
	69614	Statistical Methods in Clinical Trials			
	69610	Regression Analysis	Wednesday- 25.04.2018		
	69608	Practical - III			

M.Sc. Statistics

Exam Center & College Code :- (Kolhapur-550, Sangli-92 & Satara-149

		Branch Code - STATISTICS (C.B.C.S.)	From April-2015	
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XVI	63229	Optimization Techniques	Friday- 27.04.2018	From 11.00 AM To 02.00 PM
Paper No. XVII & XX :- Choose Any Four of the Following Papers				
	63231	Discrete Data Analysis	Wednesday- 02.05.2018	From 11.00 AM To 02.00 PM
	63232	Survival Analysis	Friday- 04.05.2018	
	63238	Data Mining	Monday- 07.05.2018	
	63233	Industrial Statistics		
	63234	Time Series Analysis	Friday- 11.05.2018	
	63240	Practical IV and Project		

		Branch Code - STATISTICS (C.B.C.S.)	(Revised From April-2018)	
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XVI	71107	Optimization Techniques (OT)	Friday- 27.04.2018	From 11.00 AM To 02.00 PM
Paper No. XVII & XX :- Choose Any Four of the Following Papers				
	71109	Generalized Linear Models	Wednesday- 02.05.2018	From 11.00 AM To 02.00 PM
	71110	Survival Analysis(SA)	Friday- 04.05.2018	
	71111	Data Mining (DM)	Monday- 07.05.2018	
	71112	Industrial Statistics (IS)		
	71113	Time Series Analysis (TSA)	Friday- 11.05.2018	
	71108	Practical IV and Project(P&P)		

M.Sc. Applied Statistics & Informatics [C.B.C.S.]

Exam Center & College Code :- (Kolhapur-550)

		Branch Code - APPLIED STATISTICS & INFORMATICS (C.B.C.S.)		From Oct. 2013	
		Part I :- Sem.-I			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
I	61055	Fundamentals of Computer Programming	Friday- 20.04.2018	From 11.00 AM To 02.00 PM	
II	61056	Statistical Mathematics	Saturday- 21.04.2018		
III	61057	Probability Distributions	Monday- 23.04.2018		
IV	61058	Statistical Inference	Tuesday- 24.04.2018		
V	61059	Statistical Computing and Numerical Methods	Wednesday- 25.04.2018		
	61060	Practical - I			

		Branch Code - APPLIED STATISTICS & INFORMATICS (C.B.C.S.)		From April-2014	
		Part I :- Sem.-II			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
VI	61501	Probability Theory	Thursday- 26.04.2018	From 11.00 AM To 02.00 PM	
VII	61502	Multivariate Analysis	Saturday- 28.04.2018		
VIII	61503	Sampling Theory	Thursday- 03.05.2018		
IX	61504	Linear Models and Design of Experiments	Saturday- 05.05.2018		
X	61505	Advanced Data Structure with C++	Tuesday- 08.05.2018		
	61506	Practical - II			

M.Sc. Applied Statistics & Informatics [C.B.C.S.]

Exam Center & College Code :- (Kolhapur-550)

		Branch Code - APPLIED STATISTICS & INFORMATICS (C.B.C.S.)		From Oct. 2014	
		Part II :- Sem.-III			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
XI	64532	Stochastic Processes	Friday- 20.04.2018	From 03.00 PM To 06.00 PM	
XII	64533	Computer Graphics	Saturday- 21.04.2018		
XIII	64534	Regression Analysis	Monday- 23.04.2018		
XIV	64537	Data Base Management System	Tuesday- 24.04.2018		
XV	64538	Reliability and Survival Analysis	Wednesday- 25.04.2018		
	64541	Practical - III			

		Branch Code - APPLIED STATISTICS & INFORMATICS (C.B.C.S.)		From April-2015	
		Part II :- Sem.-IV			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
XVI	65070	Optimization Techniques	Friday- 27.04.2018	From 11.00 AM To 02.00 PM	
XVII	65071	Discrete Data Analysis	Wednesday- 02.05.2018		
XVIII	65073	Time Series Analysis	Friday- 04.05.2018		
XIX	65075	Industrial Statistics	Monday- 07.05.2018		
XX	65077	Data Warehousing and Data Mining	Friday- 11.05.2018		
	65072	Practical –IV & Project			

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

Exam Center & College Code :- (Kolhapur-551)

		Branch Code - ENVIRONMENTAL SCIENCE (C.B.C.S.)		From Oct. 2013		
		Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME		
I	59770	Introduction to Environmental Science	Saturday- 07.04.2018	From 03.00 PM To 06.00 PM		
II	59771	Environmental Chemistry	Tuesday- 10.04.2018			
III	59772	Environmental Biology	Thursday- 12.04.2018			
IV	59773	Information Technology in Environmental Science	Monday- 16.04.2018			
	59775	Practical - I				
	59776	Practical - II				

		Branch Code - ENVIRONMENTAL SCIENCE (C.B.C.S.)		From April-2014		
		Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME		
V	61325	Environmental Engineering	Friday- 06.04.2018	From 11.00 AM To 02.00 PM		
VI	61326	Environmental Pollution and Control	Monday- 09.04.2018			
VII	61327	Environmental Geoscience and Climatology	Wednesday- 11.04.2018			
VIII	61328	Environmental Monitoring and Energy Studies	Friday- 13.04.2018			
	61329	Practical - III				
	61330	Practical - IV				

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

Exam Center & College Code :- (Kolhapur-551)

		Branch Code - ENVIRONMENTAL SCIENCE (C.B.C.S.)	From Oct. 2014	
		Part II :- Sem.-III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
IX	64165	Natural Resources and their Management	Friday- 06.04.2018	From 03.00 PM To 06.00 PM
X	64166	Environmental Statistics and Computer Applications	Monday- 09.04.2018	
XI	64167	Environmental Policy and legislation	Wednesday- 11.04.2018	
XII	64168	Environmental Toxicology and Public Health	Friday- 13.04.2018	
	64648	Vermicomposting	Internal Exam	
	64170	Project		
	64171	Practical VI – (Environmental Statistics and Toxicology)		

		Branch Code - ENVIRONMENTAL SCIENCE (C.B.C.S.)	From April-2015	
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	65019	Socio- Economic Aspects of Environment	Saturday- 07.04.2018	From 11.00 AM To 02.00 PM
XIV	65020	Environmental Hazards and Disaster Management	Tuesday- 10.04.2018	
XV	65021	Environmental Planning and Management	Thursday- 12.04.2018	
XVI	65022	Environmental Biotechnology	Monday- 16.04.2018	
	65023	Practical VII		
	65024	Practical VIII		

M.Sc. Food Science & Technology [C.B.C.S.]

Exam Center & College Code :- (Kolhapur-571)

		Branch Code - FOOD SCIENCE & TECHNOLOGY (C.B.C.S.)		From Oct. 2013	
		Part I :- Sem.-I			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
I	59783	Principles of Food Processing & Preservation	Tuesday- 17.04.2018	From 03.00 PM To 06.00 PM	
II	59784	Food Microbiology	Thursday- 19.04.2018		
III	59785	Food Chemistry	Saturday- 21.04.2018		
IV	59786	Biochemistry & Nutrition	Tuesday- 24.04.2018		
	59787	Practical I			
	59788	Practical II			

		Branch Code - FOOD SCIENCE & TECHNOLOGY (C.B.C.S.)		From April-2014	
		Part I :- Sem.-II			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
V	61337	Fruit and Vegetable Technology	Monday- 16.04.2018	From 11.00 AM To 02.00 PM	
VI	61338	Principles of Food Engineering	Wednesday- 18.04.2018		
VII	61339	Cereal and Legume Technology	Friday- 20.04.2018		
VIII	61340	Fermentation Technology	Monday- 23.04.2018		
	61341	Practical III			
	61342	Practical IV			

M.Sc. Food Science & Technology [C.B.C.S.]

Exam Center & College Code :- (Kolhapur-571)

		Branch Code - FOOD SCIENCE & TECHNOLOGY (C.B.C.S.)	From Oct. 2014	
		Part II :- Sem.-III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
IX	64191	Technology of Meat, Fish & Poultry Products	Monday- 16.04.2018	From 03.00 PM To 06.00 PM
X	64192	Technology of Milk & Milk Products	Wednesday- 18.04.2018	
XI	64193	Food Quality & Safety Management	Friday- 20.04.2018	
XII	64194	Food Additives, Contaminants & Toxicology	Monday- 23.04.2018	
	64195	Laboratory Course – V		
	64196	Laboratory Course – VI		

		Branch Code - FOOD SCIENCE & TECHNOLOGY (C.B.C.S.)	From April-2015	
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
XIII	65134	Food Packaging	Tuesday- 17.04.2018	From 11.00 AM To 02.00 PM
XIV	65135	Technology of Oilseeds & Fats	Thursday- 19.04.2018	
XV	65136	Food Biotechnology	Saturday- 21.04.2018	
XVI	65137	Post-Harvest Technology of Plantation Crops	Tuesday- 24.04.2018	
	65138	Laboratory Course – VII		
	65139	Laboratory Course – VIII		

M.Sc Alcohol Technology (C.B.C.S.)

Exam Center & College Code :- (Urun Islampur-444)

		Branch Code - Alcohol Technology (C.B.C.S.)			From May- 2018
		Part I - Sem I			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
I	68596	Organic Chemistry	Tuesday- 24.04.2018	From 11.00 AM To 02.00 PM	
II	68597	Basic of Fermentation	Thursday- 26.04.2018		
III	68598	Alcohol Technology - I	Wednesday- 02.05.2018		
IV	68599	Microbiology - I	Friday- 04.05.2018		
Parctical	68600	Alcohol Technology Parctical – I			
	68601	Microbiology Parctical - I			

		Branch Code - Alcohol Technology (C.B.C.S.)			From Oct- 2018
		Part I - Sem II			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
I	68602	Bio-Chemistry(BICHEM)	Tuesday- 24.04.2018	From 03.00 PM To 06.00 PM	
II	68603	Fermentation Technology - II(FERTECH2)	Thursday- 26.04.2018		
III	68604	Alcohol Technology - II(ALCTECH2)	Wednesday- 02.05.2018		
IV	68605	Microbiology - II(MICRO2)	Friday- 04.05.2018		
Parctical	68606	Alcohol Technology -II(ALCTECHP2)			
	68607	Microbiology - II(MICRO2)			

M.Sc Alcohol Technology (C.B.C.S.)

Exam Center & College Code :- (Urun Islampur-444)

		Branch Code - Alcohol Technology (C.B.C.S.)			From May- 2018
		Part II - Sem III			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
I	68636	Alcohol Technology III(ALTECH3)	Saturday- 28.04.2018	From 11.00 AM To 02.00 PM	
II	68637	Microbiology III (MICRO2)	Thursday- 03.05.2018		
III	68638	Chemical Engineering - I(VHEMENG1)	Saturday- 05.05.2018		
Paper No.IV	Paper No.IV :- Choose Any One of the Following Papers				
	68639	Industrial Waste Treatments(IWT)	Monday- 07.05.2018		
	68640	Plant Engineering(PE)			
	68641	Energy Conversion and Cogeneration(ECC)			
Parctical	68642	Alcohol Technology Practical III(ATPRA3)			
	68643	Microbiology III(MICROPRA3)			

M.Sc. Sugar Technology (C.B.C.S.)

Exam Center & College Code :- (Urun Islampur-444)

		Branch Code- Sugar Technology (C.B.C.S.)			From May-2018
		Part I - Sem I			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
I	68608	Sugar Cane Agriculture	Tuesday- 24.04.2018	From 11.00 AM To 02.00 PM	
II	68609	Sugar Processing-Clarification	Thursday- 26.04.2018		
III	68610	Sugar Engineering-Milling	Wednesday- 02.05.2018		
IV	68611	Chemical Control	Friday- 04.05.2018		
Parctical	68612	Sugar Cane Agriculture			
	68613	Sugar Technology-1			

		Branch Code- Sugar Technology (C.B.C.S.)			From Oct-2018
		Part I - Sem II			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
I	68614	Sugar Chemistry(SUCHEM)	Tuesday- 24.04.2018	From 03.00 PM To 06.00 PM	
II	68615	Sugar Processing-Evaporation(SPEVA)	Thursday- 26.04.2018		
III	68616	Sugar Engineering-Steam & Power Generation(SEEPPG)	Wednesday- 02.05.2018		
IV	68617	Equipment Design and Drawing(EDD)	Friday- 04.05.2018		
Parctical	68618	Sugar Chemistry (Practical)(SCHEM)			
	68619	Sugar Technology-II(SUTECH)			

M.Sc. Sugar Technology (C.B.C.S.)

Exam Center & College Code :- (Urun Islampur-444)

		Branch Code - Sugar Technology (C.B.C.S.)		From May- 2018	
		Part II - Sem III			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
I	68620	Equipments Capacity Calculation(ECC)	Saturday- 28.04.2018	From 11.00 AM To 02.00 PM	
II	68621	Sugar Processing-Crystallzation(SPC)	Thursday- 03.05.2018		
III	68622	Chemical Engineering-Heat & Momentum Transfer(CEHMT)	Saturday- 05.05.2018		
Paper No.IV	Paper No.IV :- Choose Any One of the Following Papers				
	68623	Alcohol Technology(ALCOTECH)	Monday- 07.05.2018		
	68624	Bio-Chemical Engineering(BCE)			
	68625	Electronics and Instrumentation Engineering(EIE)			
Parctical	68626	Sugar Technology III(ST3)			
	68627	Practical on Elective Subject(PES)			

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

Exam Center & College Code :- (Karad-156)

		Branch Code - Industrial Microbiology (C.B.C.S.)			From Dec- 2017
		Part I - Sem I			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
I	70801	Taxonomy and Cytology of Microorganisms(TCM)	Friday- 11.05.2018	From 11.00.AM To 02.00 PM	
II	70802	Virology(V)	Saturday- 12.05.2018		
III	70803	Genetics and Molecular Biology(GMB)	Monday- 14.05.2018		
IV	70804	Immunology(IMM)	Tuesday- 15.05.2018		
Parctical	70805	Practical Course- I(PC- I)			
	70806	Practical Course- II(PC-II)			

		Branch Code - Industrial Microbiology (C.B.C.S.)			From May- 2018
		Part I - Sem II			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
I	71078	Techniques in Microbiology(TM)	Saturday- 12.05.2017	From 03.00.PM To 06.00 PM	
II	71079	Microbial Physiology, Biochemistry and Metabolism (MPB&M)	Monday- 14.05.2018		
III	71080	Medical Microbiology(MM)	Tuesday- 15.05.2018		
IV	71081	Microbial Ecology(ME)	Wednesday- 16.05.2018		
Parctical	71082	Practical Course-III(PC-III)			
	71083	Practical Course-IV(PC-IV)			

M.A./M.Sc. Geography [C.B.C.S.]

Exam Center & College Code :- (Kolhapur-540, Sangli-92, Satara-259 & 173, Karad-153 & 156)

		Branch Code - GEOGRAPHY (C.B.C.S.)		From Oct. 2013	
		Part I :- Sem.-I			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
I	59909	Principles of Geomorphology	Monday- 23.04.2018	From 11.00 AM To 02.00 PM	
II	59910	Principles of Climatology	Wednesday- 25.04.2018		
III	59911	Economic Geography	Friday- 27.04.2018		
IV	59912	Geography of Population and Development	Wednesday- 02.05.2018		
	59913	Practical I			
	59914	Practical II			

		Branch Code - GEOGRAPHY (C.B.C.S.)		From April-2014	
		Part I :- Sem.-II			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
V	61515	Advanced Geomorphology	Monday- 23.04.2018	From 03.00 PM To 06.00 PM	
VI	61516	Applied Climatology	Wednesday- 25.04.2018		
VII	61517	Geography of India	Friday- 27.04.2018		
VIII	61518	Social & Cultural Geography	Wednesday- 02.05.2018		
	61519	Practical III			
	61520	Practical IV			

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

Exam Center & College Code :- (Kolhapur-540, Sangli-92, Satara-259 & 173, Karad-153 & 156)

		Branch Code - GEOGRAPHY (C.B.C.S.)		From Oct. 2014		
		Part II :- Sem.-III				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME		
IX	64604	Regional Planning and Development	Tuesday- 24.04.2018	From 11.00 AM To 02.00 PM		
X	64605	Fundamentals and Applications of Remote Sensing	Thursday- 26.04.2018			
XI	Paper No.:- XI – Choose Any One of the Following					
	64606	Environmental Geography	Saturday- 28.04.2018			
	64607	Geography of Tourism				
XII	Paper No. XII :- Choose Any One Of The Following Papers					
	64608	Surveying, Cartography & GIS	Thursday- 03.05.2018			
	64609	Political Geogrphy				
	64610	Practical V :- (Photogrammetry, Remote Sensing and GIS)				
	64611	Practical VI :- (Quantitative Techniques & Computer Applications in Geo.)				

		Branch Code - GEOGRAPHY (C.B.C.S.)		From April-2015		
		Part II :- Sem.-IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME		
XIII	65005	Development of Geographical Thought	Tuesday- 24.04.2018	From 03.00 PM To 06.00 PM		
XIV	65006	Geohydrology & Oceanography	Thursday- 26.04.2018			
XV	Paper No.:- XI – Choose Any One of the Following					
	65009	Agricultural Geography	Saturday- 28.04.2018			
	65010	Settlement Geography				
XIV	Paper No. XII :- Choose Any One Of The Following Papers					
	65011	Biogeography	Thursday- 03.05.2018			
	65012	Medical Geography				
	65007	Project - Research Methodology and Study Tour Report Writing				
	65008	Project				

M.Sc. Tech (MATHEMATICS) [C.B.C.S.]

Exam Center & College Code :- (Kolhapur-549)

		Branch Code - M.Sc. TECH (MATHEMATICS) (C.B.C.S.)		From Oct. 2014	
		Part I :- Sem.-I			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
V	64600	Programming in C	Tuesday – 10.04.2018	From 11.00 AM To 02.00 PM	
III	64598	Discrete Mathematical Structures – I	Thursday – 12.04.2018		
I	64596	Algebra	Monday – 16.04.2018		
IV	64599	Computer Architecture	Wednesday – 18.04.2018		
II	64597	Advanced Calculus	Friday – 20.04.2018		
	64601	Lab Work – I			

		Branch Code - M.Sc. TECH (MATHEMATICS) (C.B.C.S.)		From April-2015	
		Part I :- Sem.-II			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
I	64917	Real Analysis	Thursday – 03.05.2018	From 11.00 AM To 02.00 PM	
II	64918	Operations Research	Saturday – 28.04.2018		
IV	64920	Operating Systems	Saturday – 21.04.2018		
V	64921	Data Structures Using C	Tuesday – 24.04.2018		
III	64919	Discrete Mathematical Structures – II	Thursday – 26.04.2018		
	64922	Lab Work II			

M.Sc. Tech (MATHEMATICS) [C.B.C.S.]

Exam Center & College Code :- (Kolhapur-549)

		Branch Code - M.Sc. TECH (MATHEMATICS) (C.B.C.S.)	From April-2015	
		Part II :- Sem.-III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
I	65753	Complex Analysis	Monday – 23.04.2018	From 11.00 AM To 02.00 PM
II	65752	Linear Algebra	Wednesday – 25.04.2018	
IV	65754	Object Oriented Programming with C++	Friday – 27.04.2018	
V	65755	Database Systems	Wednesday – 02.05.2018	
III	65756	Design and analysis of Algorithms I	Friday – 04.05.2018	
	65757	Lab Work		

		Branch Code - M.Sc. TECH (MATHEMATICS) (C.B.C.S.)	From April-2018	
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME
I	67155	Functional Analysis	Tuesday – 10.04.2018	From 03.00 PM To 06.00 PM
II	67156	Differential Equations	Thursday – 12.04.2018	
IV	67157	Design and Analysis of Algorithms II	Monday – 16.04.2018	
V	67158	Object Oriented Programming With Java	Wednesday – 18.04.2018	
VI	67159	Linux Operating System	Friday – 20.04.2018	
		Lab Work -IV		

Exam Center & College Code :- (Kolhapur-549)

		Branch Code - M.Sc. TECH (MATHEMATICS) (C.B.C.S.)		From Oct-2018	
		Part III :- Sem.-V			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	PAPER TIME	
I	67980	Compiler Techniques	Tuesday – 10.04.2018	From 11.00 AM To 02.00 PM	
II	67981	Software Engineering	Thursday – 12.04.2018		
III	67982	Computer Networks	Monday – 16.04.2018		
IV	67983	Computer Graphics	Wednesday – 18.04.2018		
Paper No. V- Choose any One of the following					
	67984	Web Technology	Friday – 20.04.2018	From 11.00 AM To 02.00 PM	
	67985	PHP with MySQL			
	67986	Android Programmimg			
	67987	Advanced Java			
	67988	Lab Work			